

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

001

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK **DRILL** ☒ **DEEPEN** ☐
 1b. TYPE OF WELL
 OIL WELL ☒ GAS WELL ☐ OTHER ☐ SINGLE ZONE ☐ MULTIPLE ZONE ☒

2. NAME OF OPERATOR
Inland Production Company
 3. ADDRESS OF OPERATOR
Route #3 Box 3630, Myton, UT 84052 Phone: **(435) 646-3721**
 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. *)
 At Surface **SE/NE** **1899' FNL 739' FEL** **4432170 N**
 At proposed Prod. Zone **589732 E**

5. LEASE DESIGNATION AND SERIAL NO.
UTU-74870
 6. IF INDIAN, ALLOTTEE OR TRIBE NAME
N/A
 7. UNIT AGREEMENT NAME
Humpback
 8. FARM OR LEASE NAME WELL NO
8-25-8-17
 9. API WELL NO.
43-047-34484
 10. FIELD AND POOL OR WILDCAT
Monument Butte
 11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
SE/NE
Sec. 25, T8S, R17E
 12. County
Uintah
 13. STATE
UT

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
Approximately 21.5. miles southeast of Myton, Utah
 15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to)
Approx. 739' f/lse line & 739' f/unit line
 16. NO. OF ACRES IN LEASE
359.94
 17. NO. OF ACRES ASSIGNED TO THIS WELL
40
 18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR ON THIS LEASE, FT.
Approx. 1321'
 19. PROPOSED DEPTH
6500'
 20. ROTARY OR CABLE TOOLS
Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
5024.2' GR
 22. APPROX. DATE WORK WILL START*
1st Quarter 2002

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT/FOOT	SETTING DEPTH	QUANTITY OF CEMENT
Refer to Monument Butte Field SOP's Drilling Program/Casing Design				

Inland Production Company proposes to drill this well in accordance with the attached exhibits.

The Conditions of Approval are also attached.

RECEIVED

JAN 31 2002

**DIVISION OF
OIL, GAS AND MINING**

**Federal Approval of this
Action is Necessary**

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM : If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone.
If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED *Marcia Crozier* TITLE **Permit Clerk** DATE *1/23/02*

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY *Bradley G. Hill* TITLE **BRADLEY G. HILL
RECLAMATION SPECIALIST III** DATE *02-14-02*

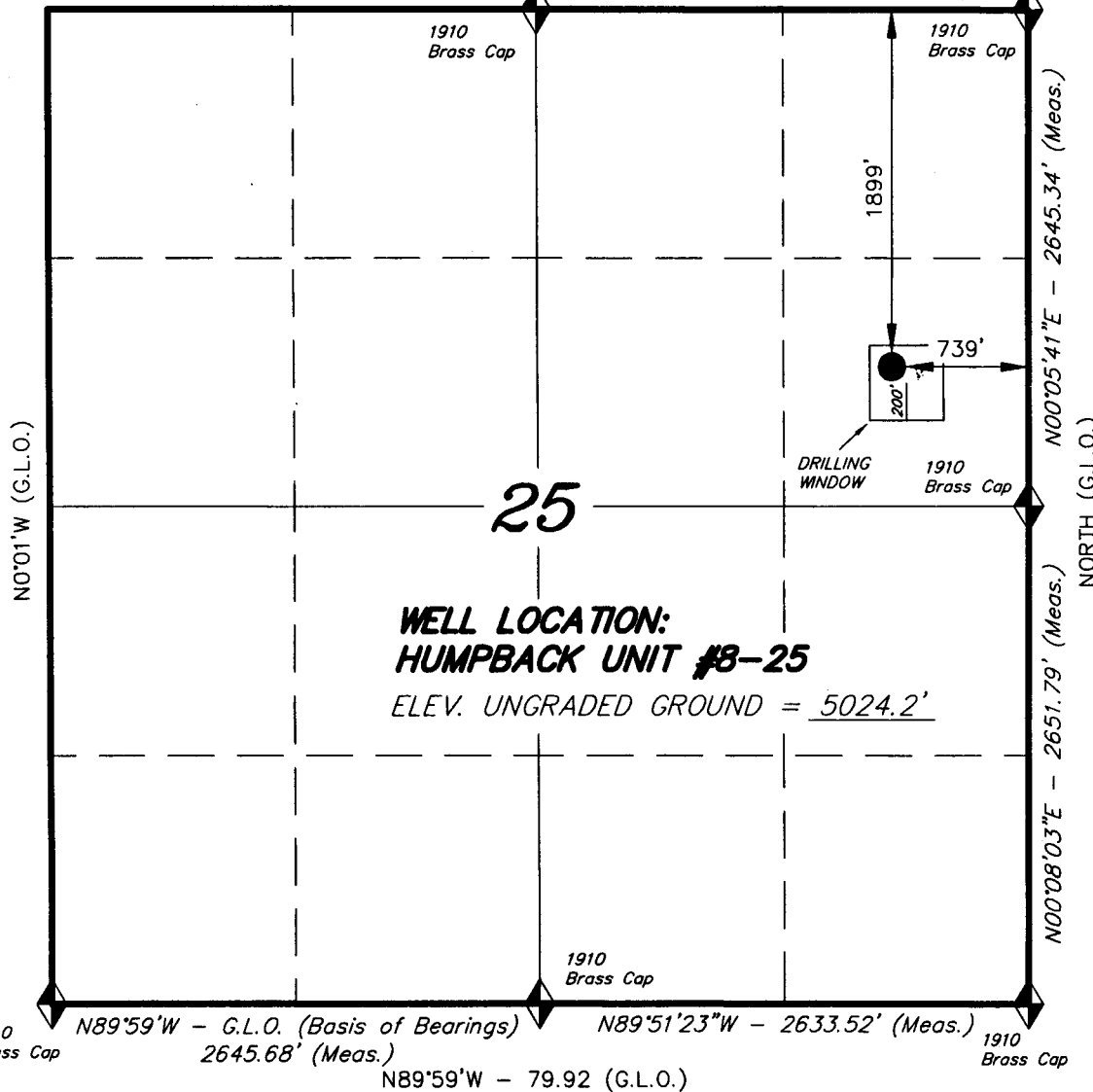
***See Instructions On Reverse Side**

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

T8S, R17E, S.L.B.&M.

N89°58'W - 79.90 (G.L.O.)

N89°49'36"W - 2650.72' (Meas.)

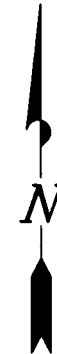


= SECTION CORNERS LOCATED

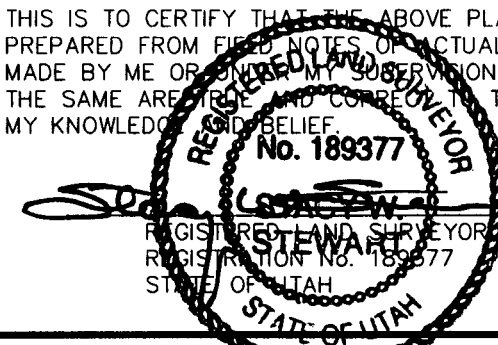
BASIS OF ELEV; U.S.G.S. 7-1/2 min QUAD (PARIETTE DRAW SW)

INLAND PRODUCTION COMPANY

WELL LOCATION, HUMPBAC UNIT #8-25,
LOCATED AS SHOWN IN THE SE 1/4 NE
1/4 OF SECTION 25, T8S, R17E,
S.L.B.&M. UINTAH COUNTY, UTAH.



THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS
PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS
MADE BY ME OR UNDER MY SUPERVISION AND THAT
THE SAME ARE TRUE AND CORRECT TO THE BEST OF
MY KNOWLEDGE AND BELIEF.



TRI STATE LAND SURVEYING & CONSULTING

38 WEST 100 NORTH - VERNAL, UTAH 84078
(435) 788-2501

SCALE: 1" = 1000'	SURVEYED BY: D.J.S.
DATE: 1-7-02	DRAWN BY: J.R.S.
NOTES:	FILE #



January 29, 2002


State of Utah
Division of Oil, Gas & Mining
Attn: Brad Hill
1594 West North Temple - Suite 1210
P.O. Box 145801
Salt Lake City, Utah 84114-5801

RE: Applications for Permit to Drill: 1-25-8-17, 8-25-8-17, 9-25-8-17, and 16-25-8-17.

Dear Brad:

Enclosed find APD's on the above referenced wells. If you have any questions, feel free to give either Brad or myself a call.

Sincerely,


Mandie Crozier
Permit Clerk

mc
enclosures

RECEIVED

JAN 31 2002

**DIVISION OF
OIL, GAS AND MINING**

Well No.: Humpback 8-25-8-17

CONDITIONS OF APPROVAL
APPLICATION FOR PERMIT TO DRILL

Company/Operator: Inland Production Company

Well Name & Number: Humpback 8-25-8-17

API Number:

Lease Number: UTU-74870

Location: SE/NE Sec. 25, T8S R17E

SURFACE USE PROGRAM
CONDITIONS OF APPROVAL

CULTURAL RESOURCES

See *DIAMOND MOUNTAIN RESOURCE AREA RESOURCE MANAGEMENT PLAN AND RECORD OF DECISION* (Fall 1994).

PALEONTOLOGICAL RESOURCES

See *DIAMOND MOUNTAIN RESOURCE AREA RESOURCE MANAGEMENT PLAN AND RECORD OF DECISION* (Fall 1994).

SOILS, WATERSHEDS, AND FLOODPLAINS

See *DIAMOND MOUNTAIN RESOURCE AREA RESOURCE MANAGEMENT PLAN AND RECORD OF DECISION* (Fall 1994).

WILDLIFE AND FISHERIES

See *DIAMOND MOUNTAIN RESOURCE AREA RESOURCE MANAGEMENT PLAN AND RECORD OF DECISION* (Fall 1994).

THREATENED, ENDANGERED, AND OTHER SENSITIVE SPECIES

FERRUGINOUS HAWK: Due to this proposed well location's proximity (less than 0.5 mile) to an existing inactive ferruginous hawk nest site, no new construction or surface disturbing activities will be allowed between February 1 and May 30. If the nest remains inactive on May 30th (based on a pre-construction survey by a qualified biologist), the operator may construct and drill the location after that date. If the nest site becomes active prior to May 30, no new construction or surface disturbing activities will be allowed within 0.5 mile of the nest until the nest becomes inactive for two full breeding seasons. In the event that this well becomes a producing well, it must be equipped with a multi-cylinder engine or hospital muffler to reduce noise levels.

HOOKLESS CACTUS: Due to the location being proposed in known Uinta Basin Hookless Cactus habitat, a pre-construction survey of the access road and well pad must be conducted by a qualified biologist. Known locations of Uinta Basin

Hookless Cactus must be avoided. If all plants cannot be avoided, further coordination with BLM will be required prior to construction to ensure compliance with the USFWS Biological Opinion for this project dated November 17, 1999.

LOCATION AND RESERVE PIT RECLAMATION

During construction of the reserve pit, a small amount of topsoil shall be stockpiled nearby, to be spread over the reserve pit area at the time the reserve pit is reclaimed.

The topsoil stockpile shall be reseeded immediately after site construction by broadcasting the seed, then walking the topsoil stockpile with the dozer to plant the seed.

The following seed mixture will be used on the topsoil stockpile, the recontoured surface of the reserve pit, and for final reclamation: (All poundages are in pure live seed)

Shadscale	<i>Atriplex confertifolia</i>	3 lbs/acre
Gardner saltbush	<i>Atriplex gardneri</i>	3 lbs/acre
Galletta grass	<i>Hilaria jamesii</i>	3 lbs/acre
Indian ricegrass	<i>Oryzopsis hymenoides</i>	3 lbs/acre

The reserve pit shall be reclaimed immediately after drilling operations have ceased. The pit shall be reclaimed by: 1) removing all liquids and any oily debris according to Utah Division of Oil, Gas, & Mining pit closure rules; 2) perforating and folding the liner in place (if a pit liner is used); 3) recontouring the surface; 4) broadcasting the seed over the recontoured surface; and 5) walking the surface of the pit with a dozer to plant the seed.

At the time of final abandonment, the location and access will be recontoured to natural topography and topsoil spread over the area and the surface seeded immediately.

PIPELINES

Installation of a surface gas pipeline and/or any subsequent buried gas or water pipelines will follow the conditions of approval outlined above.

Except as specified in the APD, the installation of the surface gas line and any subsequent buried pipelines will follow the edge of the existing roadways without interfering with the normal travel and maintenance of the roadway.

The installation of any buried pipelines will disturb as little surface as possible and will not exceed 60 feet in width. Reclamation of the disturbance area associated with buried pipelines will be completed within 10 days after installation. The surface will be recontoured to natural or near natural contours. Reseeding will be with the same seed mixture specified for reclamation of the reserve pit and well site. The interface of the buried line disturbance area and the edge of any adjacent access roads will be constructed with a borrow ditch and road berm to minimize vehicular travel along the water line route.

**INLAND PRODUCTION COMPANY
HUMPBACK #8-25-8-17
SE/NE SECTION 25, T8S, R17E
UINTAH COUNTY, UTAH**

ONSHORE ORDER NO. 1

DRILLING PROGRAM

1. GEOLOGIC SURFACE FORMATION:

Uinta formation of Upper Eocene Age

2. ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS:

Uinta	0' – 1640'
Green River	1640'
Wasatch	6500'

3. ESTIMATED DEPTHS OF ANTICIPATED WATER, OIL, GAS OR MINERALS:

Green River Formation 1640' – 6500' - Oil

4. PROPOSED CASING PROGRAM

Please refer to the Monument Butte Field Standard Operation Procedure (SOP).

5. MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:

Please refer to the Monument Butte Field SOP. See Exhibit "C".

6. TYPE AND CHARACTERISTICS OF THE PROPOSED CIRCULATION MUDS:

Please refer to the Monument Butte Field SOP.

7. AUXILIARY SAFETY EQUIPMENT TO BE USED:

Please refer to the Monument Butte Field SOP.

8. TESTING, LOGGING AND CORING PROGRAMS:

Please refer to the Monument Butte Field SOP.

9. ANTICIPATED ABNORMAL PRESSURE OR TEMPERATURE:

The anticipated maximum bottom hole pressure is 2000 psi. It is not anticipated that abnormal temperatures will be encountered.

10. ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS:

Please refer to the Monument Butte Field SOP.

**INLAND PRODUCTION COMPANY
HUMPBAC #8-25-8-17
SE/NE SECTION 25, T8S, R17E
UINTAH COUNTY, UTAH**

ONSHORE ORDER NO. 1

MULTI-POINT SURFACE USE & OPERATIONS PLAN

1. EXISTING ROADS

See attached Topographic Map "A"

To reach Inland Production Company well location site Humpback #8-25-8-17 located in the SE 1/4 NE 1/4 Section 25, T8S, R17E, Uintah County, Utah:

Proceed southwesterly out of Myton, Utah along Highway 40 - 1.6 miles \pm to the junction of this highway and UT State Hwy 53; proceed southeasterly along Hwy 53 - 13.8 miles \pm to it's junction with an existing road to the north; proceed northerly - 0.3 miles \pm to it's junction with an existing road to the east; proceed northeasterly - 5.8 miles \pm to it's junction with the beginning of the proposed access road; proceed easterly along the proposed access road - 1065' \pm to the proposed well location.

2. PLANNED ACCESS ROAD

See Topographic Map "B" for the location of the proposed access road.

3. LOCATION OF EXISTING WELLS

Refer to Exhibit "B".

4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES

Please refer to the Monument Butte Field Standard Operating Procedure (SOP).

5. LOCATION AND TYPE OF WATER SUPPLY

Please refer to the Monument Butte Field SOP. See Exhibit "A".

6. SOURCE OF CONSTRUCTION MATERIALS

Please refer to the Monument Butte Field SOP.

7. METHODS FOR HANDLING WASTE DISPOSAL

Please refer to the Monument Butte Field SOP.

8. ANCILLARY FACILITIES

Please refer to the Monument Butte Field SOP.

9. WELL SITE LAYOUT

The attached Location Layout Diagram describes drill pad cross-sections, cuts and fills, and locations of the mud tanks, reserve pit, pipe racks, trailer parking, spoil dirt stockpile(s), and surface material stockpile(s).

10. **PLANS FOR RESTORATION OF SURFACE**

Please refer to the Monument Butte Field SOP.

11. **SURFACE OWNERSHIP** - Bureau Of Land Management

12. **OTHER ADDITIONAL INFORMATION**

The Archaeological Resource Survey for this area is attached.

The Paleontological Resource Survey will be forthcoming.

Inland Production Company requests a 60' ROW for the Humpback #8-25-8-17 to allow for construction of a 6" gas gathering line, and a 3" poly fuel gas line. Both lines will tie in to the existing pipeline infrastructure. **Refer to Topographic Map "C."**

Water Disposal

Formation water is produced to a steel storage tank. If the production water meets quality guidelines, it is transported to the Ashley, Monument Butte, Jonah, and Beluga water injection facilities by company or contract trucks. Subsequently, the produced water is injected into approved Class II wells to enhance Inland's secondary recovery project.

Water not meeting quality criteria, is disposed at Inland's Pariette #4 disposal well (Sec. 7, T9S R19E) or at State of Utah approved surface disposal facilities.

13. **LESSEE'S OR OPERATORS REPRESENTATIVE AND CERTIFICATION**

Representative

Name: Brad Mecham

Address: Route #3 Box 3630
Myton, UT 84052

Telephone: (435) 646-3721

Certification

Please be advised that INLAND PRODUCTION COMPANY is considered to be the operator of well #8-25-8-17 SE/NE Section 25, Township 8S, Range 17E: Lease UTU-74870 Uintah County, Utah: and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by Hartford Accident #4488944.

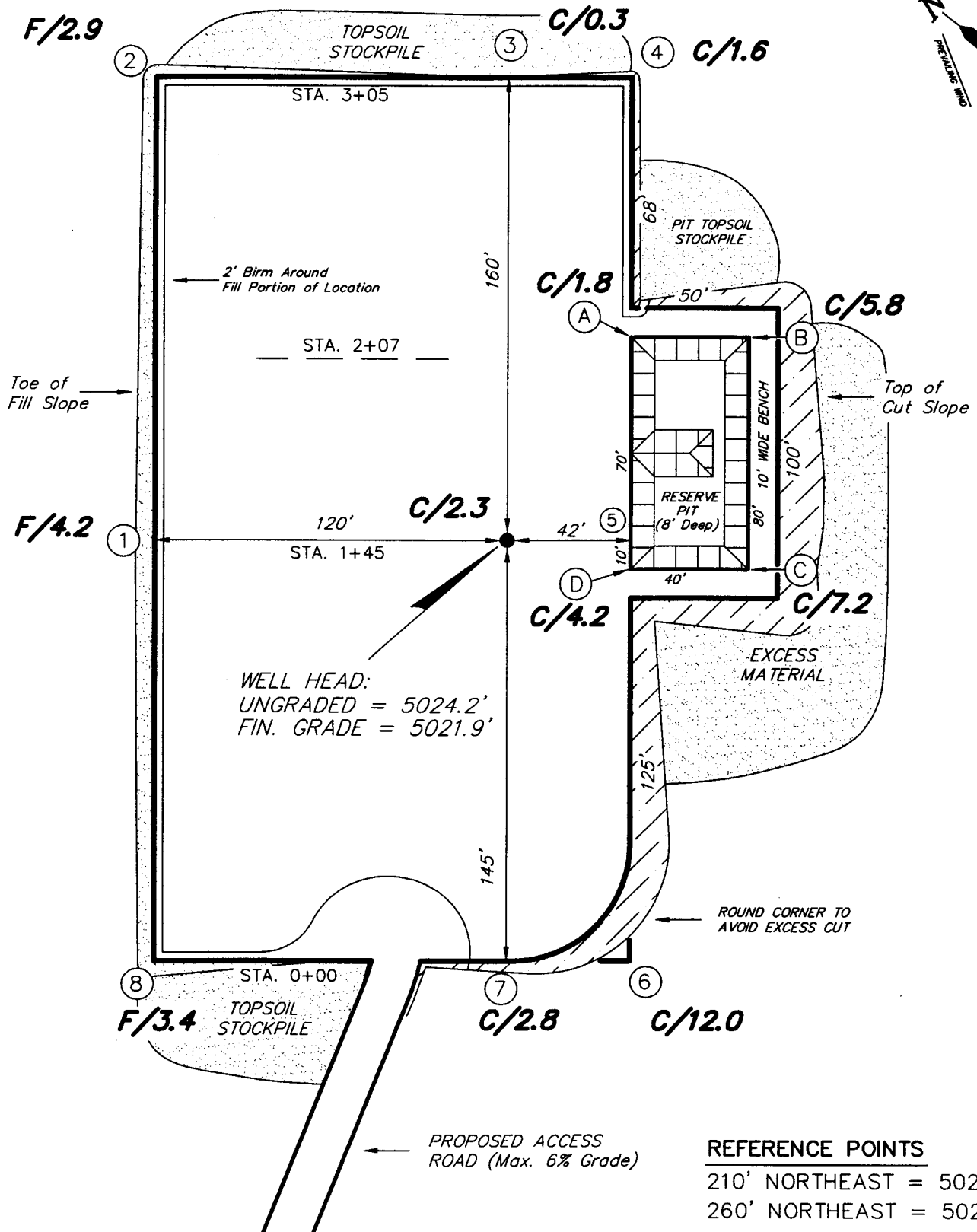
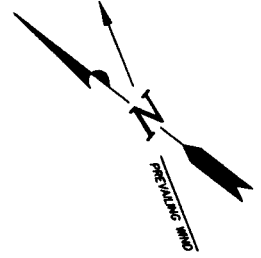
I hereby certify that the proposed drillsite and access route have been inspected, and I am familiar with the conditions which currently exist; that the statements made in this plan are true and correct to the best of my knowledge; and that the work associated with the operations proposed here will be performed by Inland Production Company and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

1/28/00
Date

Mandie Crozier
Mandie Crozier
Permit Clerk

INLAND PRODUCTION COMPANY

HUMPBACK UNIT #8-25
SEC. 25, T8S, R17E, S.L.B.&M.



REFERENCE POINTS

210' NORTHEAST = 5021.2'
260' NORTHEAST = 5020.1'

SURVEYED BY: D.J.S.

SCALE: 1" = 50'

DRAWN BY: J.R.S.

DATE: 1-7-02

Tri State
Land Surveying, Inc.

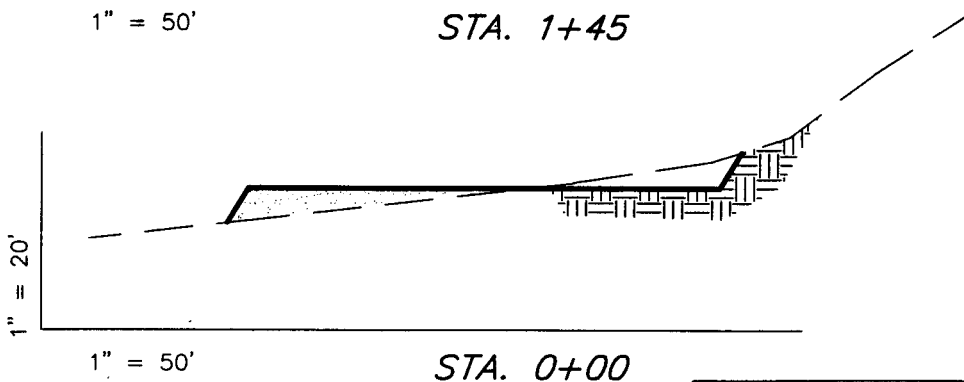
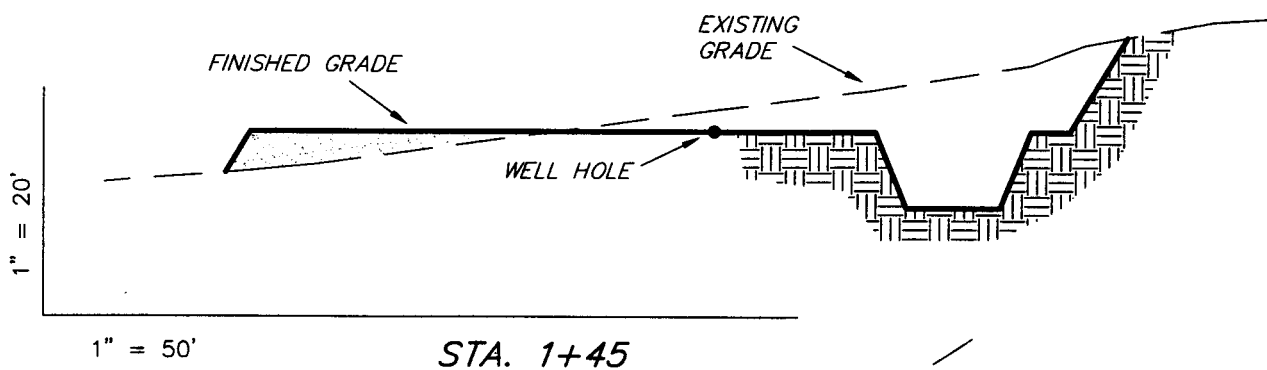
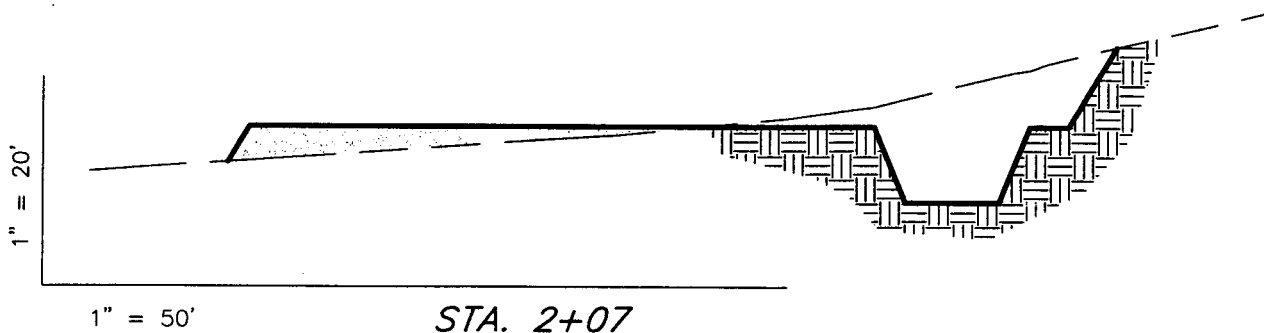
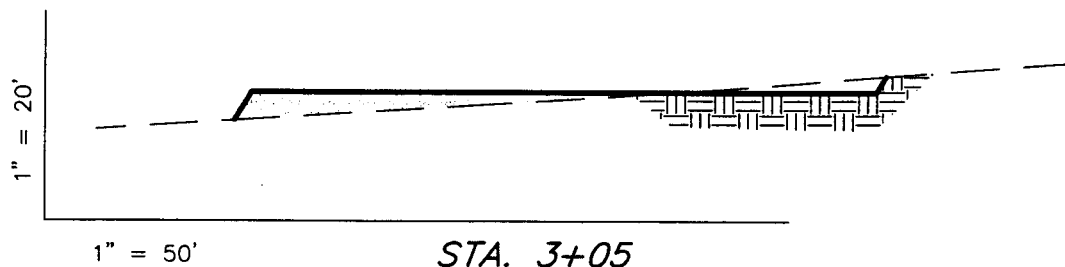
(435) 781-2501

38 WEST 100 NORTH VERNAL, UTAH 84078

INLAND PRODUCTION COMPANY

CROSS SECTIONS

HUMPBAC UNIT #8-25



NOTE:
UNLESS OTHERWISE NOTED
ALL CUT/FILL SLOPES ARE
AT 1.5:1

ESTIMATED EARTHWORK QUANTITIES

(Expressed in Cubic Yards)

ITEM	CUT	FILL	6" TOPSOIL	EXCESS
PAD	2,720	2,720	Topsoil is not included in Pad Cut	0
PIT	640	0		640
TOTALS	3,360	2,720	1,010	640

SURVEYED BY: D.J.S.

SCALE: 1" = 50'

DRAWN BY: J.R.S.

DATE: 1-7-02

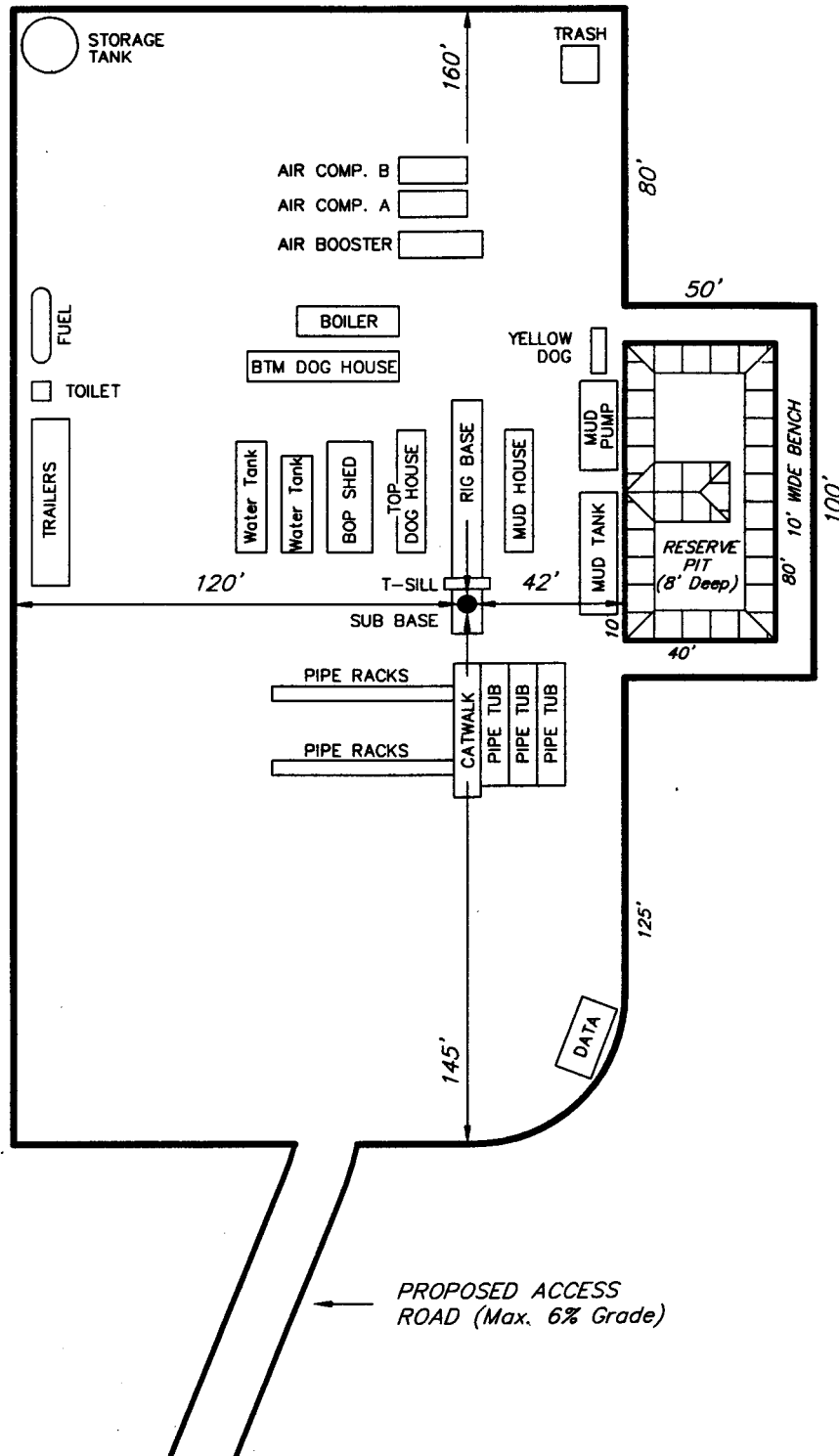
(435) 781-2501

Tri State
Land Surveying, Inc.
38 WEST 100 NORTH VERNAL, UTAH 84078

INLAND PRODUCTION COMPANY

TYPICAL RIG LAYOUT

HUMPBACK UNIT #8-25



SURVEYED BY: D.J.S.

SCALE: 1" = 50'

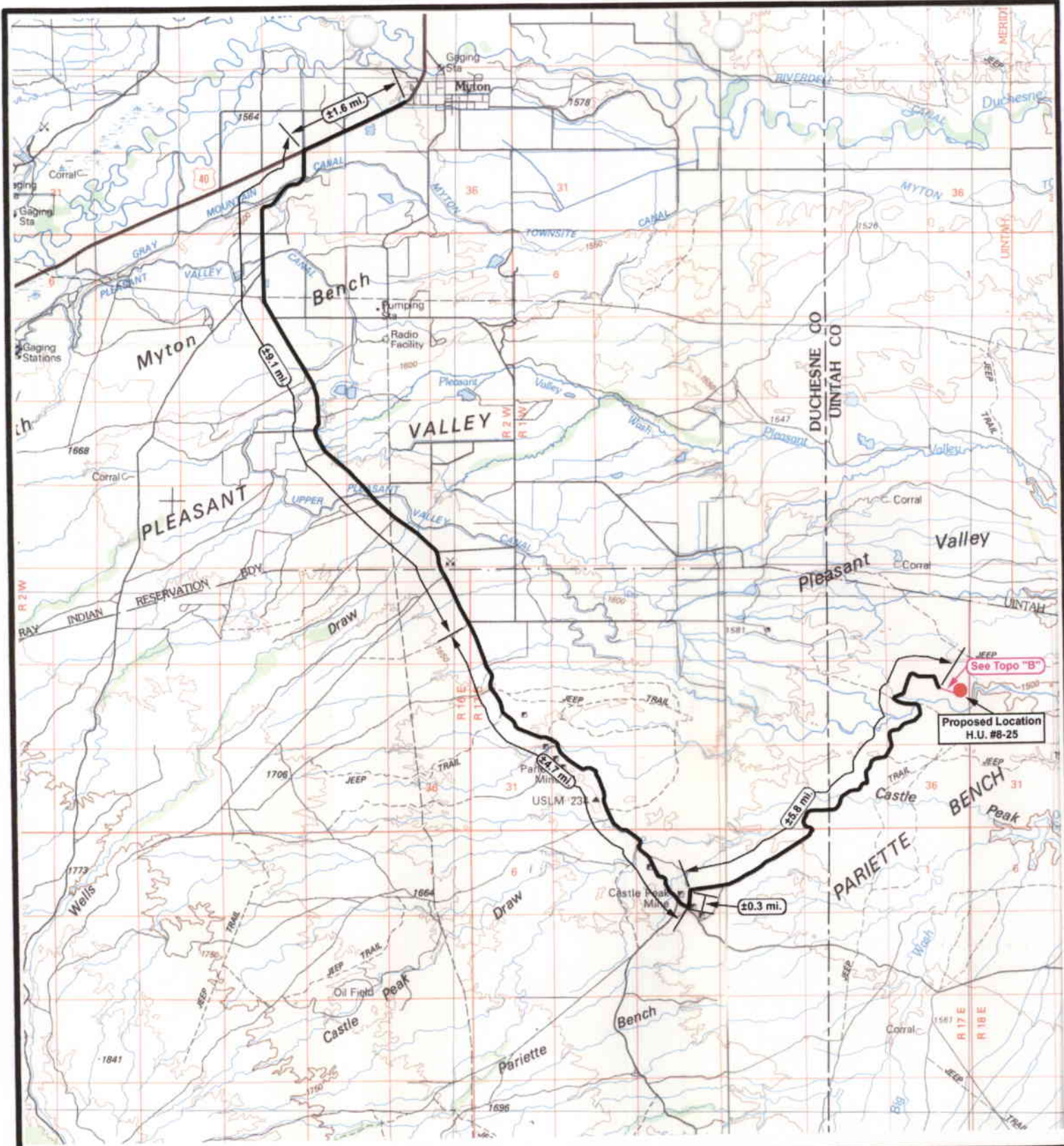
DRAWN BY: J.R.S.

DATE: 1-7-02

Tri State
Land Surveying, Inc.

(435) 781-2501

38 WEST 100 NORTH VERNAL, UTAH 84078



**Humpback Unit #8-25
SEC. 25, T8S, R17E, S.L.B.&M.**



**Tri-State
Land Surveying Inc.**
(435) 781-2501
38 West 100 North Vernal, Utah 84078

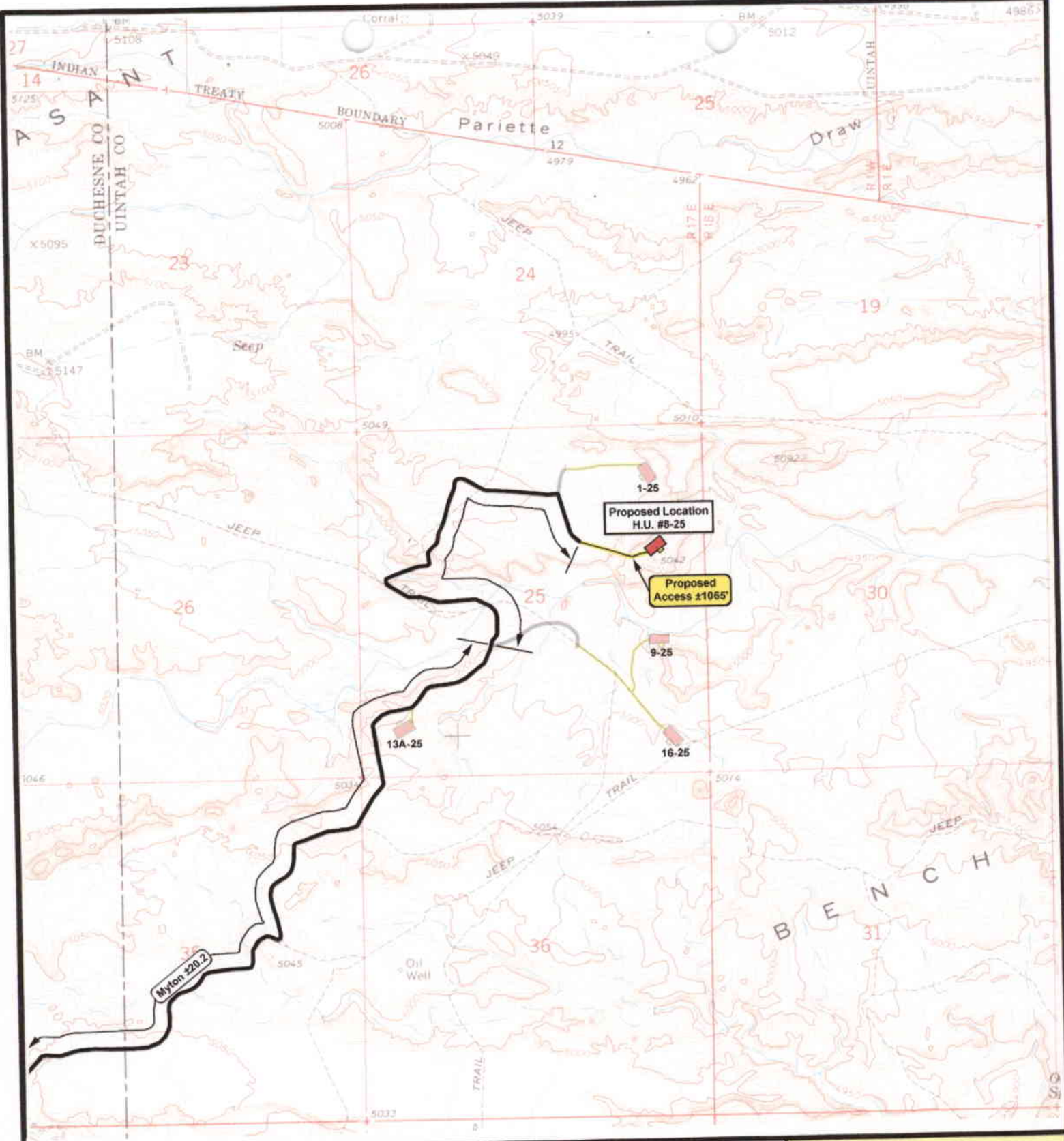
SCALE: 1" = 100,000'
DRAWN BY: D.J.
DATE: 01-09-2002

Legend

— Existing Road
— Proposed Access

TOPOGRAPHIC MAP

"A"



**Humpback Unit #8-25
SEC. 25, T8S, R17E, S.L.B.&M.**



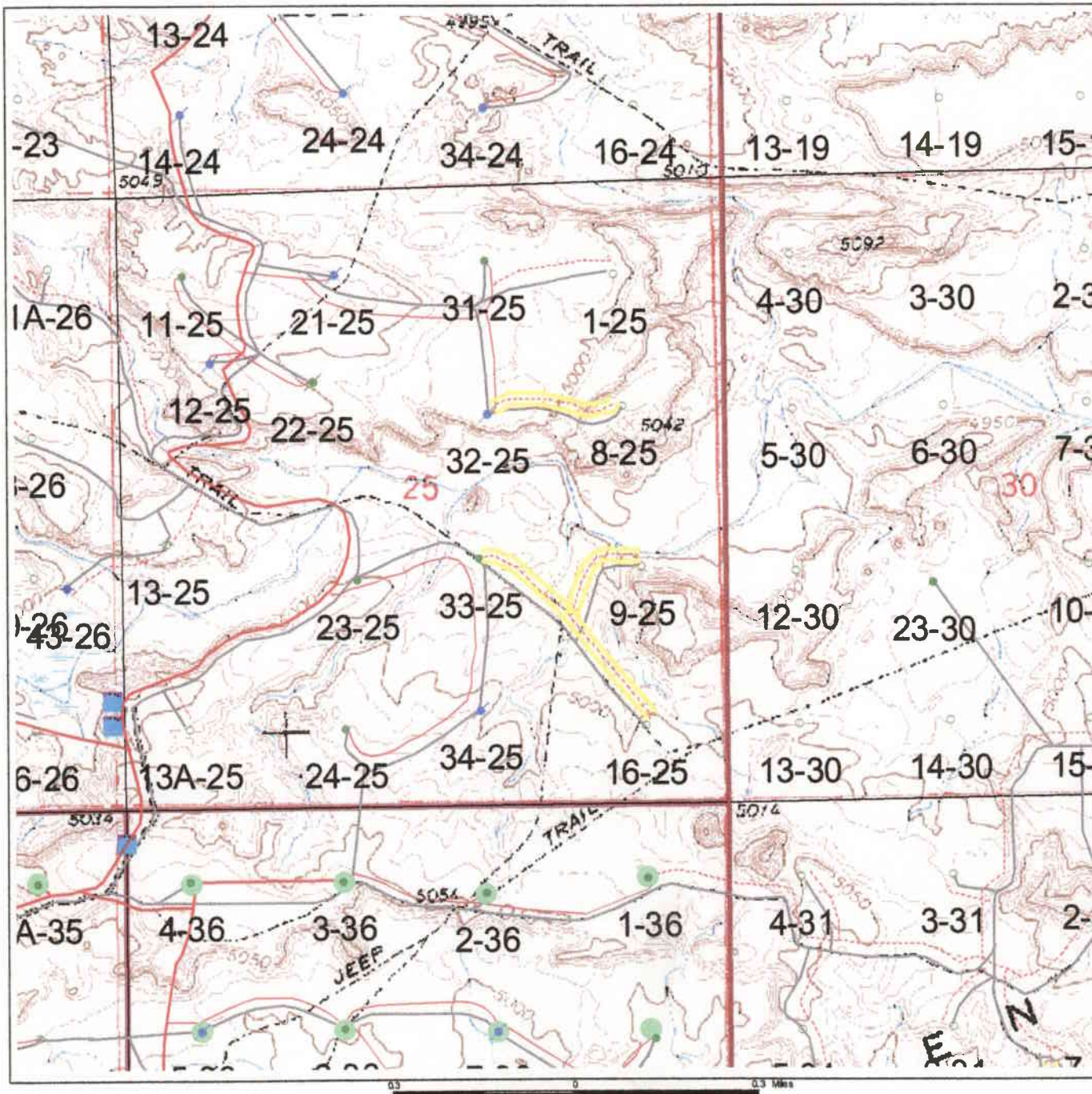
**Tri-State
Land Surveying Inc.**
(435) 781-2501
38 West 100 North Vernal, Utah 84078

SCALE: 1" = 2000'
DRAWN BY: D.J.
DATE: 01-09-2002

Legend
— Existing Road
— Proposed Access

TOPOGRAPHIC MAP

"B"



Gas Line ROW

○ Pending Approval

● ROW Approved

■ Compressor Stations

Gas Pipelines

10"

6" Source Line

6" Proposed

4" Source Line

4" Proposed

Gas Buried

Petroglyph Gas Line

Questar Gas Line

Compressors - Other

Fuel Gas Meters

Roads (Digitized)

Paved

Dirt

Proposed

Two Track

Private



Topographic Map C
T8S-R17E-25



4100 E. 1st Ave. Suite 700
Denver, Colorado 80202
Phone: (303) 440-1000

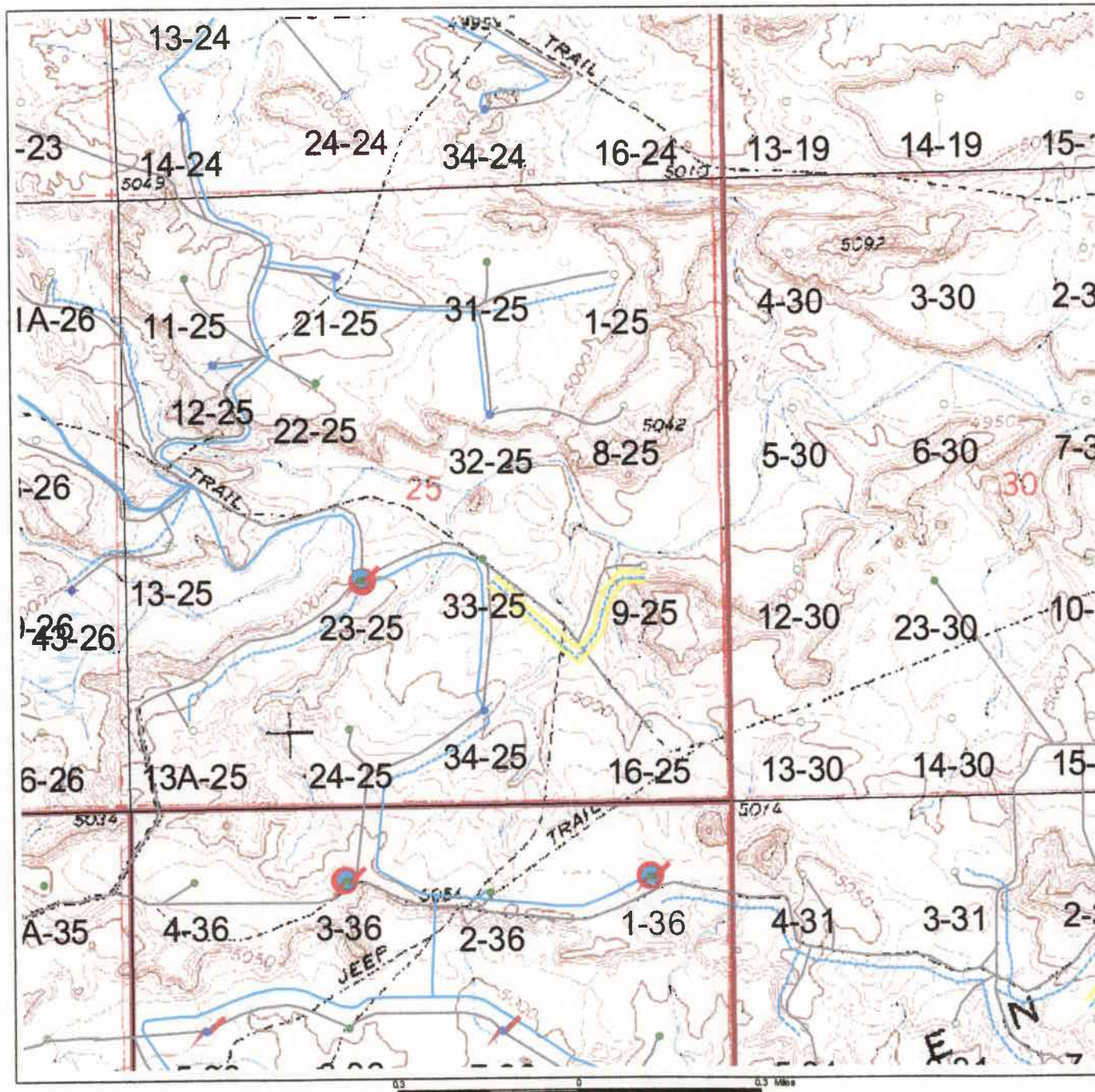
Gas Pipeline Map

UNITA BASIN, UTAH

Ducenne & Ullrich Consulting, Ltd.

Jan 24, 2002

January 24, 2002



- Water Taps
- 2001 Injection Conversion Program
- Waterline ROW
 - Pending Approval
 - ROW Approved
- Water Injection Permits
 - Pending Approval
 - Permit Approved
- Water Source 6 Inch
- Water Source 4 Inch
- Water 4 Inch - High Pressure
- Water 4 Inch Poly
- Water High Pressure 2 to 3 Inch
- Proposed High Pressure Water
- Injection Stations
- Pump Stations
- Roads (Digitized)
 - Paved
 - Dirt
 - Proposed
 - Two Track
 - Private



Topographic Map C
T8S-R17E-25

4100 E. Stevens Avenue
Denver, Colorado 80231
Phone: (303) 696-1802

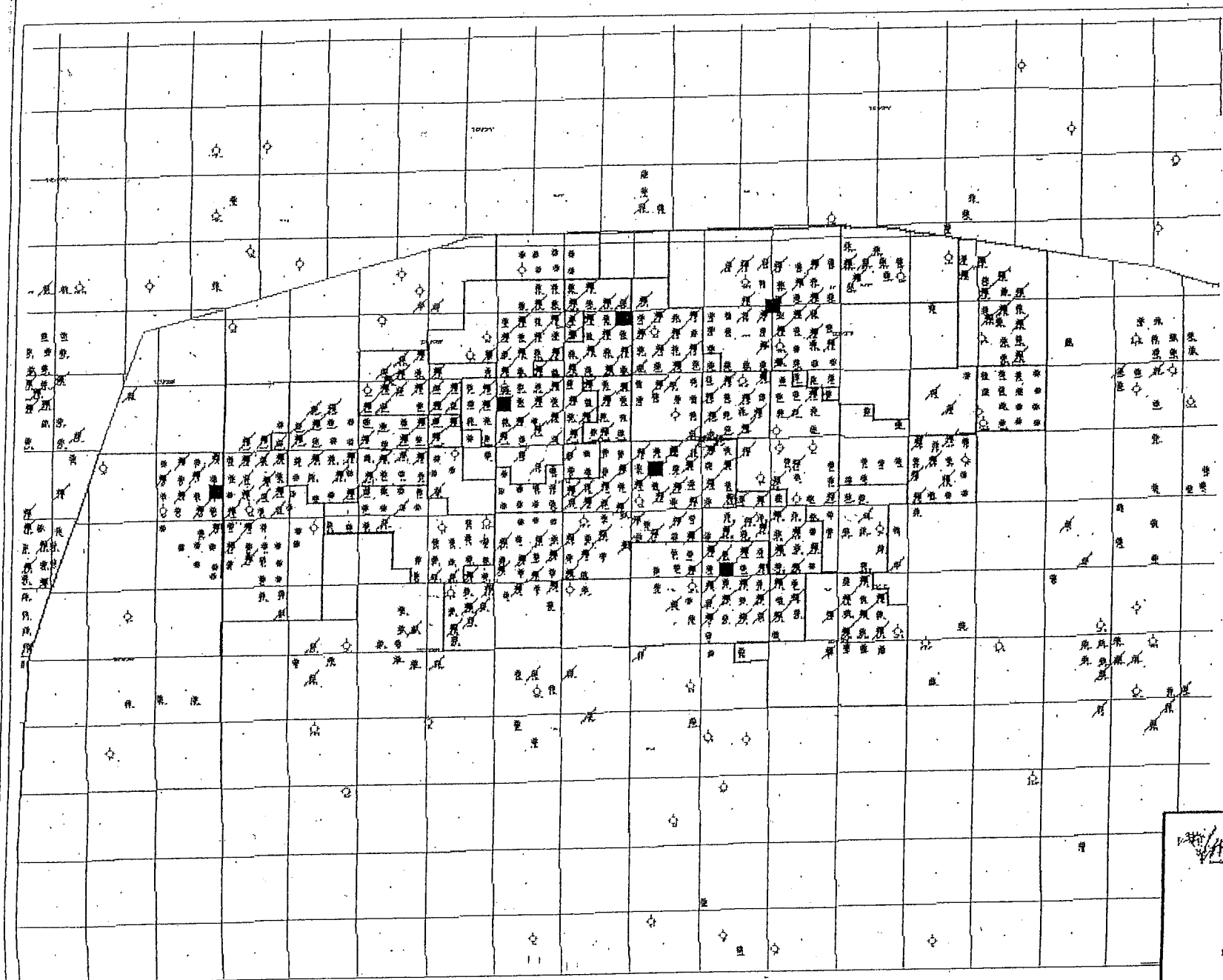
Water Pipeline Map

FINTA BASIN, UTAH

Duchesne & Uintah Counties, Utah

Scale: 1" = 1 Mile

January 24, 2002



- Huck's Shiro
- Oil
- ◇ Dry
- ✂ Shut in
- Wells



Exhibit "A"

Urala Basin

100' Area, 700' 700'

District, 100' 700' 700'

Phone 100' 700' 700'

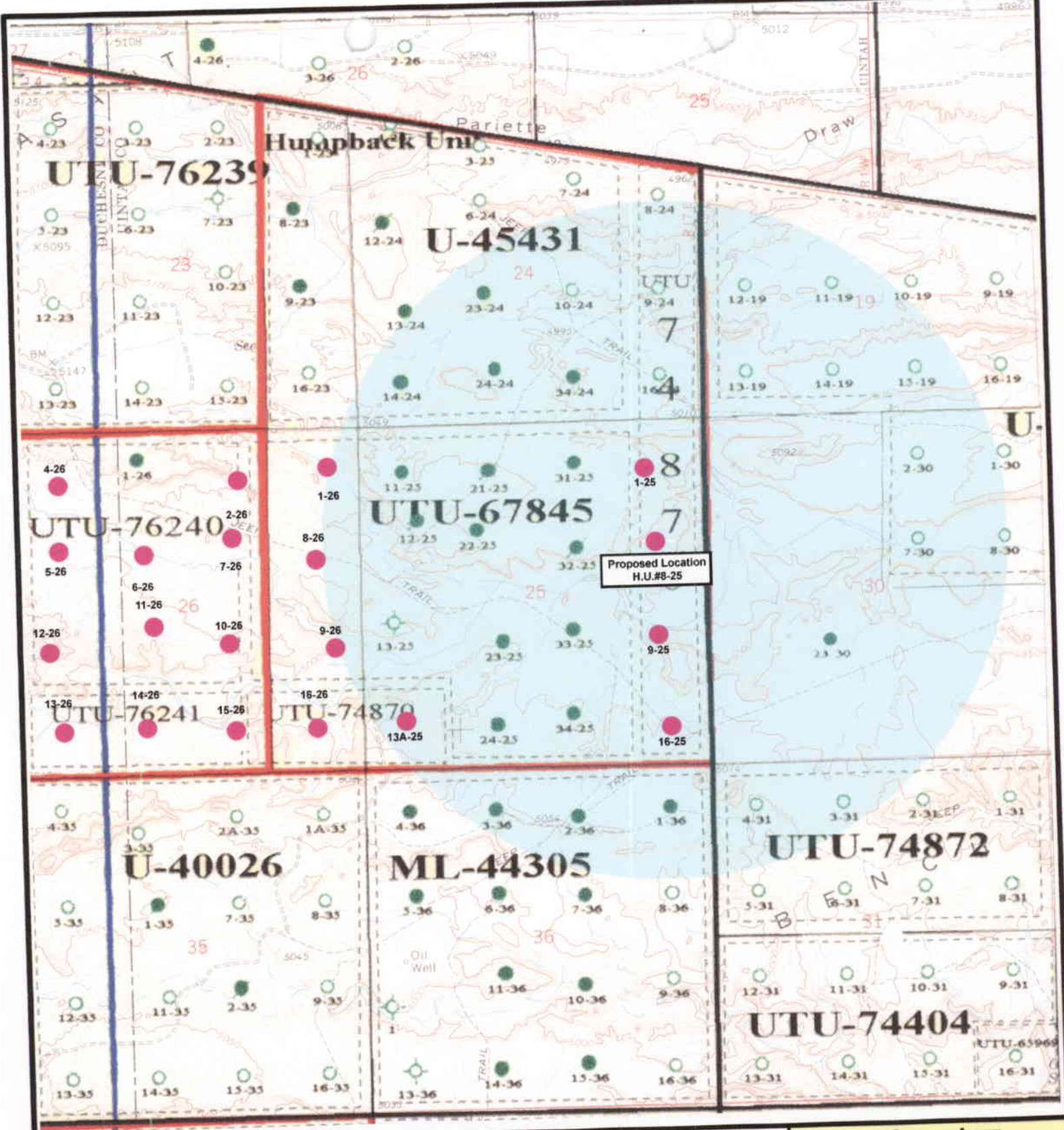
Urala Basin

Urala Basin, Utah

Bartholomew & Elmer County, Utah

Scale 10,000'

U. S. Census



Humpback Unit #8-25
SEC. 25, T8S, R17E, S.L.B.&M.



Tri-State
Land Surveying Inc.
 (435) 781-2501
 38 West 100 North Vernal, Utah 84078

SCALE: 1" = 2000'
 DRAWN BY: D.J.
 DATE: 01-09-2002

Legend

- Proposed Locations
- One Mile Radius

Exhibit
"B"

2-M SYSTEM

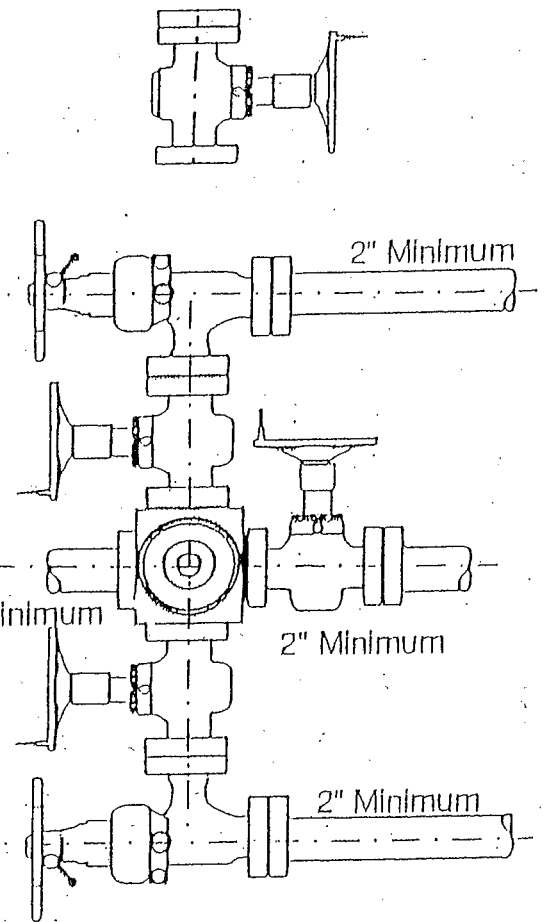
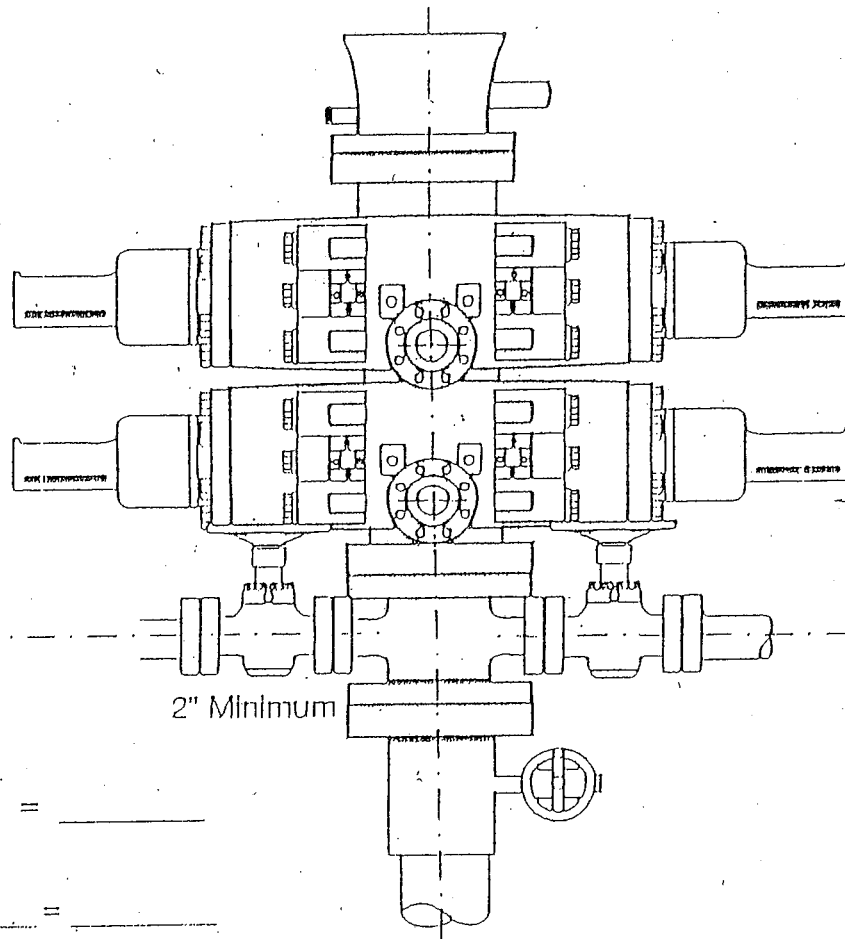
EXHIBIT "C"

RAM TYPE B.O.P.

Make:

Size:

Model:



GAL TO CLOSE

Annular BOP = _____

Ramtype BOP

_____ Rams x _____ = _____

= _____ Gal.

_____ x 2 = _____ Total Gal.

Rounding off to the next higher
Increment of 10 gal. would require

_____ Gal. (total fluid & nitro volume)

WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 01/31/2002

API NO. ASSIGNED: 43-047-34486

WELL NAME: HUMPBAC 8-25-8-17

OPERATOR: INLAND PRODUCTION (N5160)

CONTACT: MANDIE CROZIER

PHONE NUMBER: 435-646-3721

PROPOSED LOCATION:

SENE 25 080S 170E

SURFACE: 1899 FNL 0739 FEL

BOTTOM: 1899 FNL 0739 FEL

UINTAH

MONUMENT BUTTE (105)

LEASE TYPE: 1 - Federal

LEASE NUMBER: UTU-74870

SURFACE OWNER: 1 - Federal

PROPOSED FORMATION: GRRV

INSPECT LOCATN BY: / /

Tech Review	Initials	Date
Engineering		
Geology		
Surface		

RECEIVED AND/OR REVIEWED:

☒ Plat
☒ Bond: Fed[1] Ind[] Sta[] Fee[]
(No. 4488944)
☐ Potash (Y/N)
☐ Oil Shale 190-5 (B) or 190-3 or 190-13
☒ Water Permit
(No. MUNICIPAL)
☐ RDCC Review (Y/N)
(Date: _____)
☐ Fee Surf Agreement (Y/N)

LOCATION AND SITING:

☐ R649-2-3. Unit HUMPBAC
☒ R649-3-2. General
Siting: 460 From Qtr/Qtr & 920' Between Wells
☐ R649-3-3. Exception
☒ Drilling Unit
Board Cause No: 238-1
Eff Date: 1-7-97
Siting: Does not suspend Gen Siting
☐ R649-3-11. Directional Drill

COMMENTS: mon. Butte Field Sol, separate file

STIPULATIONS: 1-Fed. Approved

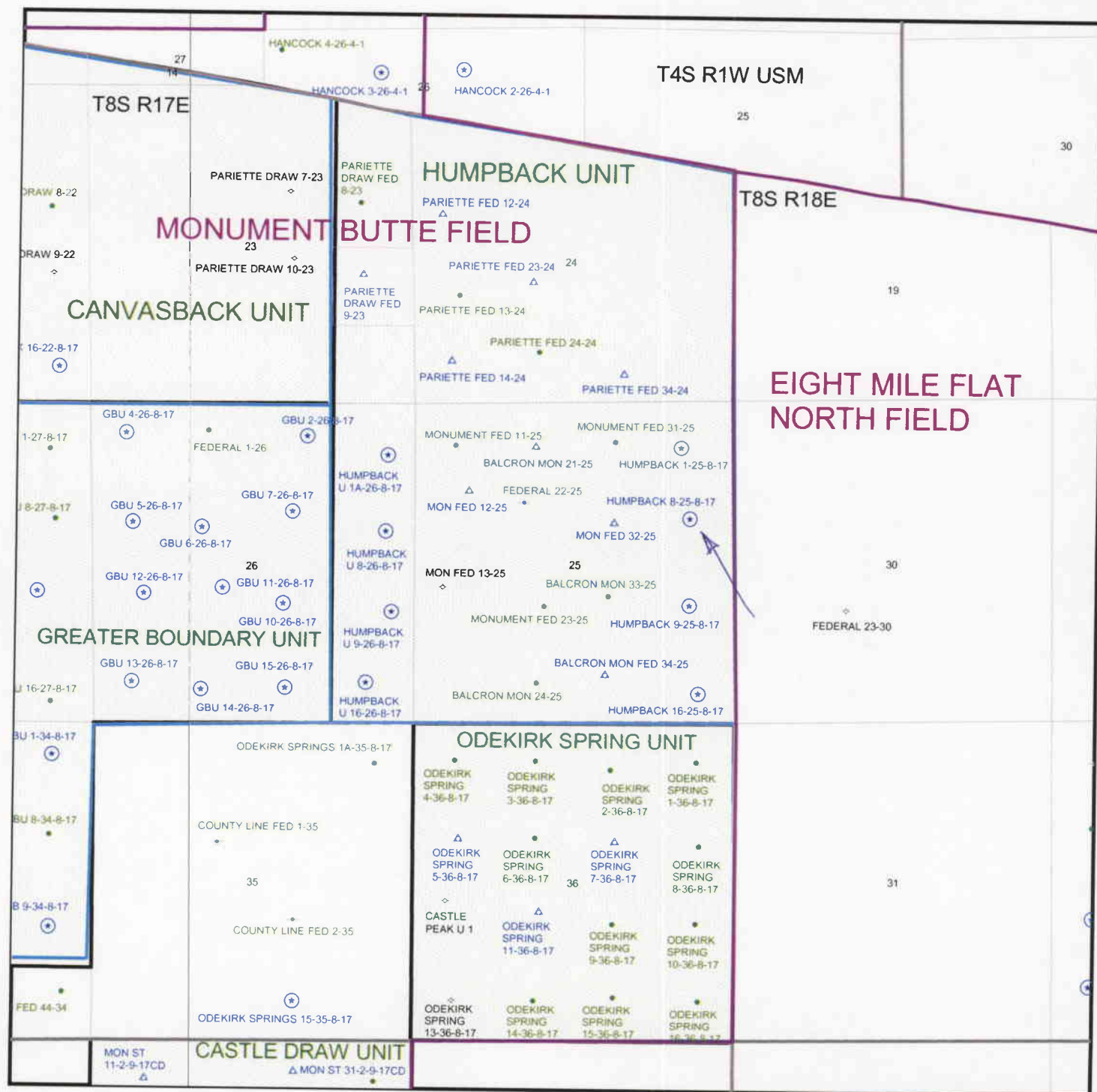


OPERATOR: INLAND PROD CO (N5160)

SEC. 25, T8S, R17E

FIELD: MONUMENT BUTTE (105)

COUNTY: UINTAH UNIT: HUMPBAC
CAUSE: 238-1



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office
P.O. Box 45155
Salt Lake City, Utah 84145-0155

IN REPLY REFER TO:
3160
(UT-922)

February 13, 2002

Memorandum

To: Assistant District Manager Minerals, Vernal District
From: Michael Coulthard, Petroleum Engineer
Subject: 2002 Plan of Development Humpback Unit
Duchesne County, Utah.

Pursuant to email between Lisha Cordova, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management. The following wells are planned for calendar year 2002 within the Humpback Unit, Duchesne County, Utah.

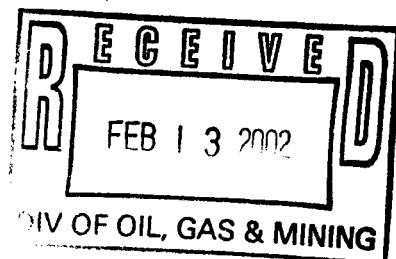
API #	WELL NAME	LOCATION
(Proposed PZ Green River)		
43-047-34486	Humpback 1-25-8-17 Sec. 25, T88, R17E	0742 FNL 0903 FEL
43-047-34486	Humpback 8-25-8-17 Sec. 25, T88, R17E	1899 FNL 0739 FEL
43-047-34486	Humpback 9-25-8-17 Sec. 25, T88, R17E	1966 FSL 0735 FEL
43-047-34486	Humpback 16-25-8-17 Sec. 25, T88, R17E	0502 FSL 0576 FEL

This is office has no objection to permitting the well at this time.

/s/ Michael L. Coulthard

bcc: File - Humpback
Division of Oil Gas and Mining
Agr. Sec. Chron
Fluid Chron

MCoulthard:mc:2-13-02





State of Utah

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt
Governor

Kathleen Clarke
Executive Director

Lowell P. Braxton
Division Director

1594 West North Temple, Suite 1210

PO Box 145801

Salt Lake City, Utah 84114-5801

801-538-5340

801-359-3940 (Fax)

801-538-7223 (TDD)

February 14, 2002

Inland Production Company
Route 3 Box 3630
Myton UT 84052

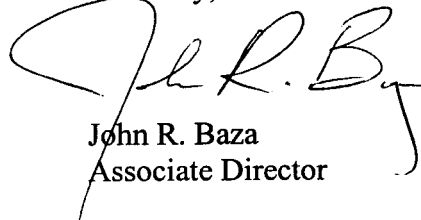
Re: Humpback 8-25-8-17 Well, 1899' FNL, 739' FEL, SE NE, Sec. 25, T. 8 South,
R. 17 East, Uintah County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. § 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-34486.

Sincerely,



John R. Baza
Associate Director

er

Enclosures

cc: Uintah County Assessor
Bureau of Land Management, Vernal District Office

Operator: Inland Production Company
Well Name & Number Humpback 8-25-8-17
API Number: 43-047-34486
Lease: UTU-74870
Location: SE NE **Sec.** 25 **T.** 8 South **R.** 17 East

Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

2. Notification Requirements

Notify the Division within 24 hours of spudding the well.

- Contact Carol Daniels at (801) 538-5284.

Notify the Division prior to commencing operations to plug and abandon the well.

- Contact Dan Jarvis at (801) 538-5338

3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

004

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry a different reservoir.
Use "APPLICATION FOR PERMIT -" for such proposals

5. Lease Designation and Serial No.

UTU-74870

6. If Indian, Allottee or Tribe Name

NA

7. If Unit or CA, Agreement Designation

HUMPBAC (GR RVR)

8. Well Name and No.

HUMPBAC 8-25-8-17

9. API Well No.

43-047-34486

10. Field and Pool, or Exploratory Area

MONUMENT BUTTE

11. County or Parish, State

UINTAH COUNTY, UTAH

SUBMIT IN TRIPLICATE

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

INLAND PRODUCTION COMPANY

3. Address and Telephone No.

Rt. 3 Box 3630, Myton Utah, 84052 435-646-3721

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)

1899 FNL 739 FEL SE/NE Section 25, T8S R17E

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☒ Notice of Intent
☐ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other **Permit Extension**

☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Inland Production Company requests to extend the permit to drill this well for one year.

**Approved by the
Utah Division of
Oil, Gas and Mining**

COPY SENT TO OPERATOR
Date: 02-14-03
Initials: CHD

Date: 02-13-03
By: [Signature]

RECEIVED

FEB 04 2003

DIV. OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct

Signed

Mandie Crozier
Mandie Crozier

Title

Permit Clerk

Date

2/3/03

CC: UTAH DOGM

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

CC: Utah DOGM

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

005

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL ☒ DEEPEN ☐
1b. TYPE OF WELL
OIL WELL ☒ GAS WELL ☐ OTHER ☐ SINGLE ZONE ☐ MULTIPLE ZONE ☒

2. NAME OF OPERATOR
Inland Production Company

3. ADDRESS OF OPERATOR
Route #3 Box 3630, Myton, UT 84052 Phone: (435) 646-3721

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)
At Surface SE/NE 1899' FNL 739' FEL
At proposed Prod. Zone

RECEIVED
JAN 30 2002

5. LEASE DESIGNATION AND SERIAL NO.

UTU-74870

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

N/A

7. UNIT AGREEMENT NAME

Humpback

8. FARM OR LEASE NAME WELL NO

8-25-8-17

9. API WELL NO.

10. FIELD AND POOL OR WILDCAT

Monument Butte

11. SEC., T., R., M., OR BLK.
AND SURVEY OR AREA

SE/NE
Sec. 25, T8S, R17E

12. County

Uintah

13. STATE

UT

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

Approximately 21.5. miles southeast of Myton, Utah

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY
OR LEASE LINE, FT. (Also to

Approx. 739' f/lse line & 739' f/unit line

359.94

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL,
DRILLING, COMPLETED, OR APPLIED FOR ON THIS LEASE, FT.

Approx. 1321'

16. NO. OF ACRES IN LEASE

17. NO. OF ACRES ASSIGNED TO THIS WELL

40

19. PROPOSED DEPTH

6500'

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

5024.2' GR

22. APPROX. DATE WORK WILL START*

1st Quarter 2002

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT/FOOT	SETTING DEPTH	QUANTITY OF CEMENT
Refer to Monument Butte Field SOP's Drilling Program/Casing Design				

Inland Production Company proposes to drill this well in accordance with the attached exhibits.

The Conditions of Approval are also attached.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM : If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone.
If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED Marcia Cox TITLE Permit Clerk DATE 1/28/02

(This space for Federal or State office use)

NOTICE OF APPROVAL

PERMIT NO.

APPROVAL DATE

CONDITIONS OF APPROVAL ATTACHED

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

CONDITIONS OF APPROVAL, IF ANY:

APPROVED Howard B. Cleavage TITLE Assistant Field Manager Mineral Resources DATE 06/18/2003

*See Instructions On Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

RECEIVED

JUN 24 2003

DIV. OF OIL, GAS & GEOTHERMAL

UD0614

CONDITIONS OF APPROVAL
APPLICATION FOR PERMIT TO DRILL

Company/Operator: Inland Production Company

Well Name & Number: Humpback 8-25-817

API Number: 43-047-34486

Lease Number: U -74870

Location: SENE Sec. 25 T. 08S R. 17E

Agreement: HUMPBACK GR SR

For more specific details on notification requirements, please check the Conditions of Approval for Notice to Drill and Surface Use Program.

CONDITIONS OF APPROVAL FOR NOTICE TO DRILL

Approval of this application does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Be aware fire restrictions may be in effect when location is being constructed and/or when well is being drilled. Contact the appropriate Surface Management Agency for information.

A. **DRILLING PROGRAM**

1. **Casing Program and Auxiliary Equipment**

As a minimum, the usable water resources and other resources shall be isolated and/or protected by having a cement top for the production casing at least 200 ft. above the top of the Green River Formation, identified at $\pm 1,978$ ft.

**SURFACE USE PROGRAM
CONDITIONS OF APPROVAL (COAs)**

To mitigate impacts to the Pariette Draw riparian area from increased sediment flows, no construction or drilling activities shall be allowed when soils are saturated.

In order to protect the Pariette 100 year floodplain, a dike capable of containing 150% of the total capacity of all storage vessels shall be constructed around the entire location.

The reserve pit shall be lined with a 12-mil nylon reinforce plastic liner with sufficient straw or felt to prevent the liner from being torn. If straw is used, it must be certified weed free.

If this well requires a pumping unit, it shall be equipped with a multi-cylinder engine or a hospital muffler to reduce noise levels.

During the construction of the access road, well pad, and reserve pits, a qualified paleontologist acceptable to the authorized officer shall be present to monitor construction activities in order to record or salvage fossil materials of scientific importance.

DIVISION OF OIL, GAS AND MINING**SPUDDING INFORMATION**Name of Company: INLAND PRODUCTION COMPANYWell Name: HUMPBAC 8-25-8-17Api No: 43-047-34486 Lease Type: FEDERALSection 25 Township 08S Range 17E County UINTAHDrilling Contractor LEON ROSS RIG # 14**SPUDDED:**Date 07/01/03Time 8:00 AMHow DRY**Drilling will commence:** _____Reported by PAT WISENERTelephone # 1-435-823--7468Date 07/01/2003 Signed: CHD

OPERATOR ACCT. NO. N5160

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RS	COUNTY		
B	99999	12053	43-047-34486	Humpback #8-25-8-17	SENE	25	8S	17E	Uintah	July 1, 2003	7/9/03
WELL 1 COMMENTS:											
ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RS	COUNTY		
WELL 2 COMMENTS:											
ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RS	COUNTY		
WELL 3 COMMENTS:											
ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RS	COUNTY		
WELL 4 COMMENTS:											
ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RS	COUNTY		
WELL 5 COMMENTS:											

ACTION CODES (See instructions on back of form)

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or well well)
- C - Re-design well from one existing entity to another existing entity
- D - Re-design well from one existing entity to a new entity
- E - Other (explain in comments section)

NOTE: Use **COMMENTS** section to explain why each Action Code was selected

2001

DIV. OF OIL, GAS & MINING

Signature _____
Production Clerk _____
Title _____

Kebble S. Jones

Production Clerk
TME

July 8, 2003

Date _____

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

008 SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry a different reservoir.
Use "APPLICATION FOR PERMIT -" for such proposals

5. Lease Designation and Serial No.

UTU-74870

6. If Indian, Allottee or Tribe Name

NA

7. If Unit or CA, Agreement Designation

HUMPBAC (GR RVR)

8. Well Name and No.

HUMPBAC 8-25-8-17

9. API Well No.

43-047-34486

10. Field and Pool, or Exploratory Area

MONUMENT BUTTE

11. County or Parish, State

UINTAH COUNTY, UT

SUBMIT IN TRIPLICATE

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

INLAND PRODUCTION COMPANY

3. Address and Telephone No.

Rt. 3 Box 3630, Myton Utah, 84052 435-646-3721

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)

1899 FNL 739 FEL SE/NE Section 25, T8S R17E

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☐ Notice of Intent
☒ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other Weekly Status Report

☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

On 7-01-03. MIRU Ross # 14. Drill 307' of 12 1/4" hole with air mist. TIH W/ 7 Jt's 8 5/8" J-55 24 # csgn. Set @ 311' KB On 7-03-03 cement with 150 sks of Class "G" w/ 3% CaCL2 + 1/4# sk Cello-Flake Mixed @ 15.8 ppg > 1.17 cf/sk yeild. Returned 3 bbls cement to pit. WOC.

RECEIVED
JUL 10 2003
DIV. OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct

Signed

Ray Herrera

Title

Drilling/Completion Foreman

Date

7/9/03

CC: UTAH DOGM

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

CC: Utah DOGM

INLAND PRODUCTION COMPANY - CASING & CEMENT REPORT

8 5/8 CASING SET AT 311.87

LAST CASING 8 5/8" SET AT 311.87'
 DATUM 12' KB
 DATUM TO CUT OFF CASING _____
 DATUM TO BRADENHEAD FLANGE _____
 TD DRILLER 307 LOGGER _____
 HOLE SIZE 12 1/4

OPERATOR Inland Production Company
 WELL Humpback 8-25-8-17
 FIELD/PROSPECT Monument Butte
 CONTRACTOR & RIG # Ross # 14

LOG OF CASING STRING:

PIECES	OD	ITEM - MAKE - DESCRIPTION	WT / FT	GRD	THREAD	CONDT	LENGTH
		43.25' sh jt' shjt					
		WHI - 92 csg head			8rd	A	0.95
7	8 5/8"	Maverick ST&C csg	24#	J-55	8rd	A	300.02
		GUIDE shoe			8rd	A	0.9

CASING INVENTORY BAL.	FEET	JTS	TOTAL LENGTH OF STRING	301.87
TOTAL LENGTH OF STRING	301.87	7	LESS CUT OFF PIECE	2
LESS NON CSG. ITEMS	1.85		PLUS DATUM TO T/CUT OFF CSG	12
PLUS FULL JTS. LEFT OUT	0		CASING SET DEPTH	311.87

TOTAL	300.02	7	} COMPARE	
TOTAL CSG. DEL. (W/O THRDS)	300.02	7		
TIMING	1ST STAGE			
BEGIN RUN CSG.	SPUD	7/1/03	GOOD CIRC THRU JOB	yes
CSG. IN HOLE		8:00 AM	Bbls CMT CIRC TO SURFACE	3
BEGIN CIRC			RECIPROCATED PIPE FOR	THRU FT STROKE
BEGIN PUMP CMT			DID BACK PRES. VALVE HOLD ?	N/A
BEGIN DSPL. CMT			BUMPED PLUG TO	127 PSI
PLUG DOWN	Cemented	7/3/03		

CEMENT USED		CEMENT COMPANY- B. J.	
STAGE	# SX	CEMENT TYPE & ADDITIVES	
1	150	Class "G" w/ 3% CaCL2 + 1/4#/sk Cello-Flake mixed @ 15.8 ppg 1.17 cf/sk yield	

CENTRALIZER & SCRATCHER PLACEMENT	SHOW MAKE & SPACING
Centralizers - Middle first, top second & third for 3	

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED

Budget Bureau No. 1004-0135

Expires: March 31, 1993

009

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry a different reservoir.
Use "APPLICATION FOR PERMIT -" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

INLAND PRODUCTION COMPANY

3. Address and Telephone No.

Rt. 3 Box 3630, Myton Utah, 84052 435-646-3721

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)

1899' FNL & 739' FEL SE/NE Sec 25. TWN 8S. R17E

5. Lease Designation and Serial No.

UTU-74870

6. If Indian, Allottee or Tribe Name

NA

7. If Unit or CA, Agreement Designation

Humpback

8. Well Name and No.

8-25-8-17

9. API Well No.

43-047-34486

10. Field and Pool, or Exploratory Area

Monument Butte

11. County or Parish, State

Unitah, Utah

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☐ Notice of Intent
☒ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other Weekly Status Report

☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Weekly Status report for the period of 7-7-03 thru 7-15-03.

RECEIVED

JUL 22 2003

DIV. OF OIL, GAS & MINING

On 7-09-03 MIRU Eagle # 1. Set equipment. Pressure test Bop's, Kelly, TIW to 2,000 psi. Test 85/8" csgn to 1,500 psi. Vernal BLM office was notified of test. Witnessed by Jerry Barnes Vernal office. PU & MU BHA and tag cement @ 258'. Drill out cement and shoe. Con't to drill 77/8" hole with fresh water to a depth of 6340'. Lay down drill string. Open hole log. PU & MU Guide shoe, 1 jt 51/2" csg, Float collar & 146 jt's J-55 15.5 # 51/2" csgn. Set @ 6323'/KB. Cement with 400* sks. 50/50 POZ w/ 3% KCL, 1/4#sk Cello-Flake, 2% Gel, .3%SMS, .05#sk Static free, Mixed @ 14.4PPG >1.24 YLD. Then 310* sks Prem Litell w/ 3% KCL, 3#/sk Kolseal, 8% Gel, .5SMS, 3#sk CSE, mixed @ 11.0PPG >3.43. Good returns thru job with 2 bbls cement returned to pit. Set slips with 87,000# tension. Nipple down BOP's. Release rig @ 8:00 pm on 7-15-03

14. I hereby certify that the foregoing is true and correct

Signed

Pat Wisener

Title

Drilling Foreman

Date

07/21/2003

CC: UTAH DOGM

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

CC: Utah DOGM

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

INLAND PRODUCTION COMPANY - CASING & CEMENT REPORT

5 1/2" CASING SET AT 6323.42

Flt cllr @ 6302'

LAST CASING 8 5/8" SET AT 311.87'

OPERATOR Inland Production Company

DATUM 12' KB

WELL Humpback 8-25-8-17

DATUM TO CUT OFF CASING 12'

FIELD/PROSPECT Monument Butte

DATUM TO BRADENHEAD FLANGE

CONTRACTOR & RIG # Eagle # 1

TD DRILLER 6340 LOGGER 6325

HOLE SIZE 7 7/8"

LOG OF CASING STRING:

PIECES	OD	ITEM - MAKE - DESCRIPTION	WT / FT	GRD	THREAD	CONDT	LENGTH
		Landing Jt					14
		39' @ 4210'					
146	5 1/2"	ETC LT & C casing	15.5#	J-55	8rd	A	6290.17
		Float collar					0.6
1	5 1/2"	ETC LT&C csg	15.5#	J-55	8rd	A	20
		GUIDE shoe			8rd	A	0.65

CASING INVENTORY BAL.	FEET	JTS	TOTAL LENGTH OF STRING	6325.42
TOTAL LENGTH OF STRING	6325.42	147	LESS CUT OFF PIECE	14
LESS NON CSG. ITEMS	15.25		PLUS DATUM TO T/CUT OFF CSG	12
PLUS FULL JTS. LEFT OUT	0		CASING SET DEPTH	6323.42
TOTAL	6310.17	147	<div style="text-align: center;"> RECEIVED JUL 22 2003 DIV. OF OIL, GAS & MINING </div>	
TOTAL CSG. DEL. (W/O THRDS)	6310.17	147		
TIMING	1ST STAGE	2nd STAGE	<div style="text-align: center;"> COMPARE GOOD CIRC THRU JOB <u>YES</u> Bbls CMT CIRC TO SURFACE <u>2 bbls cement</u> RECIPROCATED PIPE FOR <u>THRUSTROKE</u> DID BACK PRES. VALVE HOLD ? <u>Yes</u> BUMPED PLUG TO <u>2050</u> PSI </div>	
BEGIN RUN CSG.	8:00 AM			
CSG. IN HOLE	12:00 PM			
BEGIN CIRC	12:00 PM	1:00 PM		
BEGIN PUMP CMT	1:30pm	2:16pm		
BEGIN DSPL. CMT		2:35pm		
PLUG DOWN		3:00pm		

CEMENT USED	CEMENT COMPANY- B. J.	
STAGE	# SX	CEMENT TYPE & ADDITIVES
1	310	Prem-lite II w/ 10% gel + 3 % KCL, 3#s /sk CSE + 2# sk/kolseal + 1/4#s/sk Cello Flake
		mixed @ 11.0 ppg W / 3.43 cf/sk yield
2	400	50/50 poz W/ 2% Gel + 3% KCL, .5%EC1, 1/4# sk C.F. 2% gel. 3% SM mixed @ 14.4 ppg W/ 1.24 YLD
CENTRALIZER & SCRATCHER PLACEMENT		SHOW MAKE & SPACING
Centralizers - Middle first, top second & third. Then every third collar for a total of 20.		

COMPANY REPRESENTATIVE Pat Wisener

DATE 07/15/2003

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

010**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or to deepen or reentry a different reservoir.
Use "APPLICATION FOR PERMIT -" for such proposals

FORM APPROVED

Budget Bureau No. 1004-0135

Expires: March 31, 1993

5. Lease Designation and Serial No.

UTU-74870

6. If Indian, Allottee or Tribe Name

NA

7. If Unit or CA, Agreement Designation

HUMPBAC (GR RVR)

8. Well Name and No.

HUMPBAC 8-25-8-17

9. API Well No.

43-047-34486

10. Field and Pool, or Exploratory Area

MONUMENT BUTTE

11. County or Parish, State

UINTAH COUNTY, UT**SUBMIT IN TRIPLICATE**

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

INLAND PRODUCTION COMPANY

3. Address and Telephone No.

Rt. 3 Box 3630, Myton Utah, 84052 435-646-3721

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)

1899 FNL 739 FEL SE/NE Section 25, T8S R17E

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☐ Notice of Intent
☒ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ **Weekly status report**

☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well
Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Status report for time period 7/23/03 – 7/29/03

Subject well had completion procedures initiated in the Green River formation on 7/23/03 without the use of a service rig over the well. A cement bond log was run and a total of four Green River intervals were perforated and hydraulically fracture treated w/ 20/40 mesh sand. Perf intervals were #1 (6125-6131'), (5993-6006'), (5954-5966'), (5898-5902') (All 4 JSPF); #2 (5669-5674'), (5570-5579') (All 4 JSPF); #3 (5257-5266'), (5232-5247'), (All 4 JSPF); #4 (4722-4726'), (4600-4605') (All 4 JSPF). Composite flow-through frac plugs were used between stages. Fracs were flowed back through chokes. A service rig was moved on well on 7/26/03. Bridge plugs were drilled out and well was cleaned out to PBTD @ 6302'. Zones were swab tested for sand cleanup. A BHA & production tubing string were run in and anchored in well. End of tubing string @ 6213'. A repaired 1 1/2" bore rod pump was run in well on sucker rods. Well was placed on production via rod pump on 7/29/03.

14. I hereby certify that the foregoing is true and correct

Signed

Martha Hall

Title

Office Manager

Date

7/31/2003

CC: UTAH DOGM

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

RECEIVED**AUG 04 2003**



September 2, 2003

State of Utah, Division of Oil, Gas and Mining
Attn: Ms. Carol Daniels
P.O. Box 145801
Salt Lake City, Utah 84144-5801

Attn: Ms. Carol Daniels

Humpback 8-25-8-17 (43-047-34486)
Humpback 9-25-8-17 (43-047-34487)
Uintah County, UT

Dear Ms. Carol Daniels

Enclosed is a Well Completion or Recompletion Report and Log form (Form 3160-4). We are no longer sending Log copies since Dave Jull of Phoenix Surveys is already doing so.

If you should have any questions, please contact me at (303) 382-4449.

Sincerely,

Brian Harris
Engineering Tech

Enclosures

cc: Bureau of Land Management
Vernal District Office, Division of Minerals
Attn: Edwin I. Forsman
170 South 500 East
Vernal, Utah 84078

Well File – Denver
Well File – Roosevelt
Patsy Barreau/Denver
Bob Jewett/Denver

RECEIVED
SEP 04 2003
DIV. OF OIL, GAS & MINING

SUBMIT IN DUPLICATE*

(See other instructions on reverse side)

FORM APPROVED

OMB NO. 1004-0137

Expires: February 28, 1995

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WORK

OIL WELL ☒

GAS WELL ☐

DRY ☐

Other _____

1b. TYPE OF WELL

NEW WELL ☒

WORK OVER ☐

DEEPEN ☐

PLUG BACK ☐

DIFF RESVR. ☐

Other _____

2. NAME OF OPERATOR

INLAND RESOURCES INC.

3. ADDRESS AND TELEPHONE NO.

410 17th St. Suite 700 Denver, CO 80202

4. LOCATION OF WELL (Report locations clearly and in accordance with any State requirements.)*

At Surface 1899' FNL & 739' FEL (SENE) Sec. 25, Twp 8S, Rng 17E

At top prod. Interval reported below

At total depth

14. API NO.

43-047-34486

DATE ISSUED

6/18/03

12. COUNTY OR PARISH

Utah

13. STATE

UT

15. DATE SPUNDED

7/1/03

16. DATE T.D. REACHED

7/14/03

17. DATE COMPL. (Ready to prod.)

7/29/03

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*

5024' GL

5036' KB

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

6340'

21. PLUG BACK T.D., MD & TVD

6302'

22. IF MULTIPLE COMPL., HOW MANY*

5024' GL

5036' KB

5024' GL

5036' KB

5024' GL

5036' KB

5024' GL

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26 TYPE ELECTRIC AND OTHER LOGS RUN

Dual Induction Guard, SP, Compensated Density, Compensated Neutron, GR, Caliper, Cement Bond Log

23. CASING RECORD (Report all strings set in well)

CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
8-5/8" - J-55	24#	312'	12-1/4"	To surface with 150 sx Class "G" cmt	
5-1/2" - J-55	15.5#	6323'	7-7/8"	310 sx Premite II and 400 sx 50/50 Poz	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-7/8"	EOT @	TA @
						6212'	6082'

31. PERFORATION RECORD (Interval, size and number)

INTERVAL	SIZE	SPF/NUMBER	DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
(CP .5,1,2,4) 6898-5902'				
5954-66', 5993-6003', 6125-31'	.038"	4/140	5898'-6131'	Frac w/ 120,000# 20/40 sand in 484 bbls fluid
(LODC,A3) 5570-79', 5669-74'	.038"	4/56	5570'-5674'	Frac w/ 39,369# 20/40 sand in 178 bbls fluid
(C-sd) 5232-47', 5257-66'	.038"	4/96	5232'-5266'	Frac w/ 66,762# 20/40 sand in 291 bbls fluid
(PB7, GB6) 4722-26', 4600-05'	.038"	4/36	4600'-4726'	Frac w/ 66,762# 20/40 sand in 291 bbls fluid

33.* PRODUCTION

DATE FIRST PRODUCTION 7/29/03		PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump) 2-1/2" x 1-1/2" x 15' RHAC Pump					WELL STATUS (Producing or shut-in) PRODUCING	
DATE OF TEST 10 day ave	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD →	OIL--BBL. 105	GAS--MCF. 39	WATER--BBL. 5		GAS-OIL RATIO 371
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE →	OIL-BBL.	GAS--MCF.	WATER--BBL.		OIL GRAVITY-API (CORR.) RECEIVED	

34. DISPOSITION OF GAS (Solid, used for fuel, vented, etc.)

Sold & Used for Fuel

TEST WITNESSED BY

35. LIST OF ATTACHMENTS

SEP 04 2003

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED Brian Harris

TITLE Engineering Technician

DIV. OF OIL, GAS & MINING

DATE 9/2/2003

BDH

*(See Instructions and Spaces for Additional Data on Reverse Side)

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals, and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries);				38. GEOLOGIC MARKERS		
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
			Well Name Humpback 8-25-8-17		MEAS. DEPTH	TRUE VERT. DEPTH
				Garden Gulch Mkr	4096'	
				Garden Gulch 1	4274'	
				Garden Gulch 2	4392'	
				Point 3 Mkr	4658'	
				X Mkr	4877'	
				Y-Mkr	4911'	
				Douglas Creek Mkr	5042'	
				BiCarbonate Mkr	5288'	
				B Limestone Mkr	5447'	
				Castle Peak	5881'	
				Basal Carbonate	6298'	
				Total Depth (LOGGERS	6340'	

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

014

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry a different reservoir.
Use "APPLICATION FOR PERMIT -" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

INLAND PRODUCTION COMPANY

3. Address and Telephone No.

Rt. 3 Box 3630, Myton Utah, 84052 435-646-3721

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)

1899 FNL 739 FEL SE/NE Section 25, T8S R17E

5. Lease Designation and Serial No.

UTU-74870

6. If Indian, Allottee or Tribe Name

NA

7. If Unit or CA, Agreement Designation

HUMPBAC (GR RVR)

8. Well Name and No.

HUMPBAC 8-25-8-17

9. API Well No.

43-047-34486

10. Field and Pool, or Exploratory Area

MONUMENT BUTTE

11. County or Parish, State

UINTAH COUNTY, UT

12. CHECK APPROPRIATE BOX(es) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☒ Notice of Intent
☐ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☐ Other

☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☒ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Formation water is produced to a steel storage tank. If the production water meets quality guidelines, it is transported to the Ashley, Monument Butte, Jonah, and Beluga water injection facilities by company or contract trucks. Subsequently, the produced water is injected into approved Class II wells to enhance Inland's secondary recovery project.

Water not meeting quality criteria, is disposed at Inland's Pariette #4 disposal well (Sec. 7, T9S R19E) or at State of Utah approved surface disposal facilities.

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY

RECEIVED
NOV 21 2003
DIV. OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct

Signed

Mandie Crozier
Mandie Crozier

Title

Regulatory Specialist

Date

11/14/2003

CC: UTAH DOGM

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

CC: Utah DOGM

6a. (R649-9-2)Waste Management Plan has been received on: IN PLACE
6b. Inspections of LA PA state/fee well sites complete on: waived

7. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM BIA

8. **Federal and Indian Units:**

The BLM or BIA has approved the successor of unit operator for wells listed on: n/a

9. **Federal and Indian Communization Agreements ("CA"):**

The BLM or BIA has approved the operator for all wells listed within a CA on: na/

10. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: 2/23/2005

DATA ENTRY:

1. Changes entered in the **Oil and Gas Database** on: 2/28/2005
2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 2/28/2005
3. Bond information entered in RBDMS on: 2/28/2005
4. Fee/State wells attached to bond in RBDMS on: 2/28/2005
5. Injection Projects to new operator in RBDMS on: 2/28/2005
6. Receipt of Acceptance of Drilling Procedures for APD/New on: waived

FEDERAL WELL(S) BOND VERIFICATION:

1. Federal well(s) covered by Bond Number: UT 0056

INDIAN WELL(S) BOND VERIFICATION:

1. Indian well(s) covered by Bond Number: 61BSBDH2912

FEE & STATE WELL(S) BOND VERIFICATION:

1. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number 61BSBDH2919
2. The **FORMER** operator has requested a release of liability from their bond on: n/a*
The Division sent response by letter on: n/a

LEASE INTEREST OWNER NOTIFICATION:

3. (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: n/a

COMMENTS:

*Bond rider changed operator name from Inland Production Company to Newfield Production Company - received 2/23/05



Office of the Secretary of State

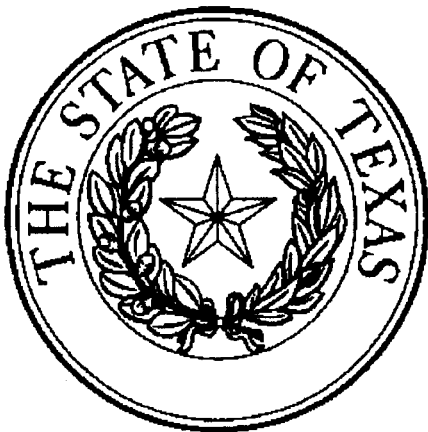
The undersigned, as Secretary of State of Texas, does hereby certify that the attached is a true and correct copy of each document on file in this office as described below:

Newfield Production Company
Filing Number: 41530400

Articles of Amendment

September 02, 2004

In testimony whereof, I have hereunto signed my name officially and caused to be impressed hereon the Seal of State at my office in Austin, Texas on September 10, 2004.



A handwritten signature in black ink, appearing to read "G. Connor".

Secretary of State

ARTICLES OF AMENDMENT
TO THE
ARTICLES OF INCORPORATION
OF
INLAND PRODUCTION COMPANY

FILED
In the Office of the
Secretary of State of Texas
SEP 02 2004
Corporations Section

Pursuant to the provisions of Article 4.04 of the Texas Business Corporation Act (the "TBCA"), the undersigned corporation adopts the following articles of amendment to the articles of incorporation:

ARTICLE 1 – Name

The name of the corporation is Inland Production Company.

ARTICLE 2 – Amended Name

The following amendment to the Articles of Incorporation was approved by the Board of Directors and adopted by the shareholders of the corporation on August 27, 2004.

The amendment alters or changes Article One of the Articles of Incorporation to change the name of the corporation so that, as amended, Article One shall read in its entirety as follows:

"ARTICLE ONE – The name of the corporation is Newfield Production Company."

ARTICLE 3 – Effective Date of Filing

This document will become effective upon filing.

The holder of all of the shares outstanding and entitled to vote on said amendment has signed a consent in writing pursuant to Article 9.10 of the TBCA, adopting said amendment, and any written notice required has been given.

IN WITNESS WHEREOF, the undersigned corporation has executed these Articles of Amendment as of the 1st day of September, 2004.

INLAND RESOURCES INC.

By: Susan G. Riggs
Susan G. Riggs, Treasurer



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office
P.O. Box 45155
Salt Lake City, UT 84145-0155
<http://www.blm.gov>



IN REPLY REFER TO:
3106
(UT-924)

September 16, 2004

Memorandum

To: Vernal Field Office

From: Acting Chief, Branch of Fluid Minerals

Subject: Merger Approval

Attached is an approved copy of the name change recognized by the Utah State Office. We have updated our records to reflect the merger from Inland Production Company into Newfield Production Company on September 2, 2004.

Michael Coulthard
Acting Chief, Branch of
Fluid Minerals

Enclosure

1. State of Texas Certificate of Registration

cc: MMS, Reference Data Branch, James Sykes, PO Box 25165, Denver CO 80225
State of Utah, DOGM, Attn: Earlene Russell, PO Box 145801, SLC UT 84114
Teresa Thompson
Joe Incardine
Connie Seare

UTSL-	15855	61052	73088	76561	
071572A	16535	62848	73089	76787	
065914	16539	63073B	73520A	76808	
	16544	63073D	74108	76813	
	17036	63073E	74805	76954	63073X
	17424	63073O	74806	76956	63098A
	18048	64917	74807	77233	68528A
UTU-	18399	64379	74808	77234	72086A
	19267	64380	74389	77235	72613A
02458	26026A	64381	74390	77337	73520X
03563	30096	64805	74391	77338	74477X
03563A	30103	64806	74392	77339	75023X
04493	31260	64917	74393	77357	76189X
05843	33992	65207	74398	77359	76331X
07978	34173	65210	74399	77365	76788X
09803	34346	65635	74400	77369	77098X
017439B	36442	65967	74404	77370	77107X
017985	36846	65969	74405	77546	77236X
017991	38411	65970	74406	77553	77376X
017992	38428	66184	74411	77554	78560X
018073	38429	66185	74805	78022	79485X
019222	38431	66191	74806	79013	79641X
020252	39713	67168	74826	79014	80207X
020252A	39714	67170	74827	79015	81307X
020254	40026	67208	74835	79016	
020255	40652	67549	74868	79017	
020309D	40894	67586	74869	79831	
022684A	41377	67845	74870	79832	
027345	44210	68105	74872	79833	
034217A	44426	68548	74970	79831	
035521	44430	68618	75036	79834	
035521A	45431	69060	75037	80450	
038797	47171	69061	75038	80915	
058149	49092	69744	75039	81000	
063597A	49430	70821	75075		
075174	49950	72103	75078		
096547	50376	72104	75089		
096550	50385	72105	75090		
	50376	72106	75234		
	50750	72107	75238		
10760	51081	72108	76239		
11385	52013	73086	76240		
13905	52018	73087	76241		
15392	58546	73807	76560		

6a. (R649-9-2)Waste Management Plan has been received on: IN PLACE
6b. Inspections of LA PA state/fee well sites complete on: waived

7. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM BIA

8. **Federal and Indian Units:**
The BLM or BIA has approved the successor of unit operator for wells listed on: n/a

9. **Federal and Indian Communization Agreements ("CA"):**
The BLM or BIA has approved the operator for all wells listed within a CA on: na/

10. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, Transfer of Authority to Inject, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: 2/23/2005

DATA ENTRY:

1. Changes entered in the Oil and Gas Database on: 2/28/2005
2. Changes have been entered on the Monthly Operator Change Spread Sheet on: 2/28/2005
3. Bond information entered in RBDMS on: 2/28/2005
4. Fee/State wells attached to bond in RBDMS on: 2/28/2005
5. Injection Projects to new operator in RBDMS on: 2/28/2005
6. Receipt of Acceptance of Drilling Procedures for APD/New on: waived

FEDERAL WELL(S) BOND VERIFICATION:

1. Federal well(s) covered by Bond Number: UT 0056

INDIAN WELL(S) BOND VERIFICATION:

1. Indian well(s) covered by Bond Number: 61BSBDH2912

FEE & STATE WELL(S) BOND VERIFICATION:

1. (R649-3-1) The NEW operator of any fee well(s) listed covered by Bond Number 61BSBDH2919

2. The FORMER operator has requested a release of liability from their bond on: n/a*
The Division sent response by letter on: n/a

LEASE INTEREST OWNER NOTIFICATION:

3. (R649-2-10) The FORMER operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: n/a

COMMENTS:

*Bond rider changed operator name from Inland Production Company to Newfield Production Company - received 2/23/05



**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 8**

**1595 Wynkoop Street
DENVER, CO 80202-1129
Phone 800-227-8917
<http://www.epa.gov/region08>**

OCT 07 2010

Ref: 8P-W-GW

CERTIFIED MAIL

RETURN RECEIPT REQUESTED

**Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY**

Mr. Eric Sundberg
Regulatory Analyst
Newfield Production Company
1001 Seventeenth Street – Suite 2000
Denver, CO 80202

RE: Underground Injection Control (UIC)
Additional Well to Pleasant Valley Permit
EPA UIC Permit UT20771-08910
Well: Humpback 8-25-8-17
SENE Sec. 25 T8S-R17E
Uintah County, Utah
API No.: 43-047-34486

Dear Mr. Sundberg:

The U.S. Environmental Protection Agency (EPA), Region 8, hereby authorizes Newfield Production Company (Newfield) to convert the oil well Humpback 8-25-8-17 to an enhanced recovery injection well according to the terms and conditions of the enclosed Authorization for Additional Well. The addition of this injection well, within the exterior boundary of the Uintah & Ouray Indian Reservation, is being made under the authority of 40 CFR §144.33 (c) and terms of the Pleasant Valley Area Permit UT20771-00000.

Please be aware that Newfield does not have authorization to begin well injection until all Prior to Commencing Injection requirements are met and written authorization to inject is given by the Director. Prior to receiving authorization to inject, Newfield must submit for review and approval (1) the results of a Part I (internal) Mechanical Integrity test, (2) a pore pressure calculation of the injection interval, and (3) a completed EPA Form No. 7520-12 (Well Rework Record) with a new schematic diagram.

RECEIVED


OCT 21 2010

DIV. OF OIL, GAS & MINING

If you have any questions, please call Bob Near at (303) 312-6278 or 1-(800)-227-8917 (Ext. 312-6278). Please submit the required data to Jason Deardorff at the letterhead address citing mail code 8P-W-GW.

Sincerely,



 Stephen S. Tuber
Assistant Regional Administrator
Office of Partnerships and Regulatory Assistance

Enclosures: Authorization for Additional Well
Wellbore and P&A Schematics for Humpback 8-25-8-17

cc Letter Only:

Uintah & Ouray Business Committee:
Curtis Cesspooch, Councilman
Frances Poowegup, Vice-Chairwoman
Phillip Chimburas, Councilman
Stewart Pike, Councilman
Irene Cuch, Councilwoman
Richard Jenks, Jr., Councilman

Daniel Picard
BIA - Uintah & Ouray Indian Agency

cc All Enclosures:

Mike Natchees
Environmental Coordinator
Ute Indian Tribe

Manual Myore
Director of Energy & Minerals Dept.
Ute Indian Tribe

Brad Hill
Acting Associate Director
Utah Division of Oil, Gas, and Mining

Fluid Minerals Engineering Office
BLM - Vernal Office

Michael Guinn
District Manager
Newfield Production Company
Myton, Utah



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION 8
1595 WYNKOOP STREET
DENVER, CO 80202-1129
Phone 800-227-8917
<http://www.epa.gov/region08>

AUTHORIZATION FOR ADDITIONAL WELL

UIC Area Permit UT20771

The Pleasant Valley Unit Final UIC Area Permit UT20771-00000, effective November 6, 1995, authorizes injection for the purpose of enhanced oil recovery in the Monument Butte Field. On August 13, 2010, Newfield Production Company notified the Director concerning the following additional enhanced recovery injection well:

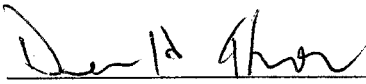
Well Name:	Humpback 8-25-8-17
EPA Permit ID Number:	UT20771-08910
Location:	1899' FNL & 739' FEL SENE Sec. 25 T8S-R17E Uintah County, Utah API #43-047-34486

Pursuant to 40 CFR §144.33, Area UIC Permit UT20771-00000 authorizes the permittee to construct and operate, convert, or plug and abandon additional enhanced recovery injection wells within the area permit. This well was determined to satisfy additional well criteria required by the permit.

This well is subject to all provisions of UIC Area Permit No. UT20771-00000, as modified and as specified in the Injection Well-Specific Requirements detailed below. This Authorization shall expire one year after the Effective Date unless the permittee has converted the well to injection or submits a written request to extend this Authorization prior to the expiration date.

This Authorization is effective upon signature.

Date: OCT 07 2010


Stephen S. Tuber
* Assistant Regional Administrator
Office of Partnerships and Regulatory Assistance

** The person holding this title is referred to as the Director throughout the permit and Authorization*

Authorization for Additional Well: UIC Area Permit UT20771-00000
Well Humpback 8-25-8-17 EPA Well ID: UT20771-08910

Printed on Recycled Paper

INJECTION WELL-SPECIFIC REQUIREMENTS

Well Name: **Humpback 8-25-8-17**
EPA Well ID Number: **UT20771-08910**

Prior to Commencing Injection Operations, the permittee shall submit the following information:

1. Completed Well Rework Record (EPA Form No. 7520-12) and schematic diagram;
2. Pore pressure calculation of the proposed injection zone;
3. Results from a successful part I (internal) Mechanical Integrity test.

Once these records are received and approved by EPA, the Director will provide written authorization to inject for a limited period of 180 days, during which time a Radioactive Tracer Survey (RTS) is required. A successful RTS will be considered valid at injection pressures up to the MAIP until one of the following events occurs, at which time a subsequent RTS is required:

- a) If the submitted RTS is determined to be inconclusive or inadequate by EPA,
- b) If the MAIP of the injection well is exceeded for any reason (*It is a violation to exceed the MAIP without prior EPA approval*),
- c) If new injection perforations are added to the injection well, either through the creation of new perforations or the adjustment of the packer depth to inject into a set of existing perforations that were previously inactive,
- d) If the injection formation is acid-treated, hydraulically stimulated, or stimulated by any other method through the injection well, that may affect the cement integrity of the well,
- e) If the Director requests that a RTS be run for any reason.

Note: All depths given in this authorization reference the Kelly Bushing datum unless otherwise specified.

Approved Injection Zone: Injection is approved between the top of the Garden Gulch -2 Member of the Green River Formation at 4,392 feet (ft.) to the top of the Wasatch Formation, at an estimated depth of 6,423 ft.

Maximum Allowable Injection Pressure (MAIP): The initial MAIP is 920 psig, based on the following calculation:

$$\text{MAIP} = [\text{FG} - (0.433)(\text{SG})] * \text{D}, \text{ where}$$
$$\text{FG} = 0.64 \text{ psi/ft} \quad \text{SG} = 1.015 \quad \text{D} = 4,600 \text{ ft. (top perforation depth KB)}$$

Initial MAIP = 920 psig

FG = Fracture Gradient SG = Specific Gravity of Injectate (Maximum)

UIC Area Permit No. UT20771-00000 provides the opportunity for the permittee to request a change of the MAIP based upon the submitted results of a step rate test that demonstrates the formation parting pressure.

Well Construction - Casing and Cementing: The well was constructed in compliance with existing regulatory controls for casing and cementing pursuant to 40 CFR § 146.22(c). However, cementing records, including the cement bond log, have not satisfactorily demonstrated the presence of adequate cement to prevent the migration of injection fluids behind the casing from the injection zone.

An EPA annotated wellbore diagram is attached.

Well Construction - Tubing and Packer: 2-7/8" or similar size injection tubing is approved. The packer shall be set at a depth no more than 100 ft. above the top perforation.

Demonstration of Mechanical Integrity:

- (1) A successful demonstration of part I (internal) mechanical integrity using a Casing-Tubing Annulus Pressure Test is required prior to injection, and no less than every five years after the last successful test.
- (2) Because the cementing records have not satisfactorily demonstrated the presence of adequate cement to prevent migration of injection fluids behind the casing from the injection zone, a RTS is required to confirm the presence of adequate cement. The RTS will supplement the cementing records, which show an insufficient interval of 80 percent cement bond index or greater through the confining zone, by demonstrating the presence or absence of adequate cement to prevent fluid movement behind the casing above the uppermost perforation. It is intended that a maximum of 180 days of injection will allow the injection zone to achieve the Maximum Allowable Injection Pressure (MAIP) for the purpose of executing the RTS. If 180 days is not sufficient to achieve the MAIP specified in the permit, an extension of the period of Limited Authorization to Inject may be requested. If the RTS is not run, or if the RTS does not confirm adequate cement, the permittee shall demonstrate Part II (external) Mechanical Integrity pursuant to 40 CFR §146.8(a)(2) using an approved test method such as temperature log, noise log or oxygen activation log, and the demonstration of Part II Mechanical Integrity shall be repeated no less than every five years after the last successful test.

Demonstration of Financial Responsibility: At the time of issuance of this Authorization for Additional Well UIC Permit, The Environmental Protection Agency Region 8 (EPA) has identified deficiencies in Newfield Production Company's (Newfield) Financial Statement submitted on June 10, 2010, as a demonstration of the company's ability to plug and abandon all Newfield injection wells permitted by EPA. EPA's Office of Enforcement, Compliance and Environmental Justice (ECEJ) is taking action to correct any deficiencies. EPA's Office of Partnerships and Regulatory Assistance (OPRA), the division responsible for issuing all UIC permits, has determined that these deficiencies in Financial Responsibility do not represent an

imminent endangerment to underground sources of drinking water in the Monument Butte Field and that the issuance of UIC permits to Newfield should continue while ECEJ works with Newfield to correct any deficiencies. In the event that Newfield is unable to return to full compliance on Financial Responsibility within a reasonable period of time, OPRA may stop the issuance of new UIC permits to Newfield until Newfield fully demonstrates Financial Responsibility for all Newfield injection wells currently operating under EPA UIC permits.

Plugging and Abandonment: The well shall be plugged in a manner that isolates the injection zone and prevents movement of fluids into or between Underground Sources of Drinking Water (USDW). Tubing, packers, and any downhole apparatus shall be removed. Class A, C, G, and H cements, with additives such as accelerators and retarders that control or enhance cement properties, may be used for plugs; however, volume extending additives and gel cements are not approved for plug use. Plug placement shall be verified by tagging. Plugging gel of at least 9.2 lb/gal shall be placed between all plugs. A minimum 50 ft. surface plug shall be set inside and outside of the surface casing to seal pathways for fluid migration into the subsurface. Within sixty (60) days after plugging the owner or operator shall submit Plugging Record (EPA Form 7520-13) to the Director. The Plugging Record must be certified as accurate and complete by the person responsible for the plugging operation. At a minimum, the following plugs are required:

Plug 1: Set a cast iron bridge plug (CIBP) no more than 50 ft. above the top perforation with a minimum of 20 ft. cement plug on top of the CIBP.

Plug 2: Perforate and squeeze cement up the backside of the 5-1/2" casing across the Trona Zone and the Mahogany Bench from approximately 3,210 to 3,371 ft. unless pre-existing backside cement precludes cement-squeezing this interval. Set a minimum 161-foot balanced cement plug inside the 5-1/2" casing from approximately 3,210 to 3,371 ft.

Plug 3: Perforate and squeeze cement up the backside of the 5-1/2" casing across the contact between the Uinta Formation and Green River Formation at 1,751 ft., from approximately 1,691 to 1,811 ft., unless pre-existing backside cement precludes cement-squeezing this interval. Set a minimum 120-foot cement plug inside the 5-1/2" casing from approximately 1,691 to 1,811 ft.

Plug 4: Perforate and squeeze cement up the 5-1/2" x 8-5/8" casing annulus to the surface unless pre-existing cement precludes cementing this interval. Set a Class "G" cement plug within the 5-1/2" casing, from a depth of 312 ft. to the surface.

An EPA annotated diagram of the plugging and abandonment plan is attached.

INJECTION WELL-SPECIFIC CONSIDERATIONS

Well Name: **Humpback 8-25-8-17**
EPA Well ID Number: **UT20771-08910**

Underground Sources of Drinking Water (USDWs): USDWs in the Pleasant Valley Area Permit generally occur within the Uinta Formation. According to "*Base of Moderately Saline Ground Water in the Uinta Basin, Utah, State of Utah Technical Publication No. 92,*" the base of moderately saline ground water may be found at approximately 274 ft. below ground surface in the Humpback 8-25-8-17 well. Water samples from the Green River Formation taken in conjunction with oil production show that USDWs do occur at deeper depths within the Humpback unit and as deep as 6,026 ft. in the Balcron Monument Federal 33-25-8-17 well.

Water Resources in the Area of Review: According to the Utah Division of Water Rights (<http://nrwrt1.nr.state.ut.us>), there are no reservoirs, streams, domestic or agricultural water wells within a quarter (1/4) mile of the well.

Composition of Source, Formation, and Injectate Water: The Total Dissolved Solids (TDS) content of water produced from the Garden Gulch and Douglas Creek Members of the Green River Formation was determined to be 12,246 mg/l on June 4, 2010. Due to nearby injection activity for the purpose of enhanced oil recovery, this TDS value may not be representative of the original TDS content of formation waters at or near the Humpback 8-25-8-17 well.

The TDS content of injectate was determined to be 2,897 mg/l on January 5, 2010. The injectate is water from the Boundary Injection Facility and consists of culinary water from the Johnson Water District blended with produced Green River Formation water resulting in a TDS content less than 10,000 mg/l.

Aquifer Exemption: An aquifer exemption is not required because the TDS of the produced water from the proposed injection well is greater than 10,000 mg/l.

Confining Zone: The Confining Zone, which directly overlies the Garden Gulch-2 Member of the Green River Formation, (B Confining Zone), is approximately 90 ft. of shale between the depths of 4,303 ft. and 4,392 ft.

Injection Zone: The Injection Zone at this well location is approximately 2,031 ft. of multiple lenticular sand units interbedded with shale, marlstone and limestone from the top of the Garden Gulch-2 Member at 4,392 ft. to the top of the Wasatch Formation which is estimated to be at 6,423 ft. Formation tops are either submitted by the operator or are based on correlations to the Newfield Production Federal 1-26-8-17 (UT20702-04671) Type Log.

Well Construction: The Cement Bond Log (CBL) does not show a sufficient interval of continuous 80 percent or greater cement bond index through the B Confining Zone (4,303 to 4,392 ft.). Therefore, further demonstration that well cement is adequate to prevent significant migration of injection fluids behind casing is required.

Surface Casing: 8-5/8" casing is set at 312 ft. in a 12-1/4" hole, using 150 sacks Class "G" cement, cemented to the surface.

Longstring Casing: 5-1/2" casing is set at 6,323 ft. in a 7-7/8" hole secured with 710 sacks of cement. Total driller depth is 6,340 ft. Plugged back total depth is 6,302 ft. EPA estimates top of cement at 400 ft. CBL.

Perforations: Top perforation: 4,600ft.

Bottom perforation: 6,131 ft.

Additional information about this well may be found on the Utah state oil and gas website:
<http://oilgas.ogm.utah.gov/>

Basis for Initial MAIP Calculation: The initial MAIP was calculated by EPA using the following input values for the fracture gradient and injectate specific gravity:

Fracture Gradient: A value of 0.64 psi/ft. was selected by EPA because it is the most conservative fracture gradient calculated for other nearby wells.

Specific Gravity: An injectate specific gravity of 1.015 was selected by EPA because this value is the maximum expected specific gravity of injectate for the Monument Butte Field.

AREA OF REVIEW (AOR) WELL REQUIREMENTS

The following four wells that penetrate the confining zone within or proximate to a ¼-mile radius around the Humpback 8-25-8-17 well were evaluated to determine if any corrective action is necessary to prevent fluid movement into USDWs:

Humpback 1-25-8-17	API: 43-047-34485	NENE Sec. 25-T8S-R17E
Humpback Fed. L-25-8-17	API: 43-047-40019	SENE Sec. 25-T8S-R17E
Balcron Monument Fed.32-25-8-17	API: 43-047-32524	SWNE Sec. 25-T8S-R17E
Federal I-25-8-17	API: 43-047-39971	NWNE Sec. 25-T8S-R17E

No Corrective Action Required on AOR wells:

Humpback 1-25-8-17: Operator reports Top of Cement (TOC) to be at 410 ft. EPA estimates TOC, from CBL, to be 370 ft. The base of the B Confining Zone (CZ) is at 4,412 ft. in this well. There is 49 ft. of 80% or greater Cement Bond Index in the B (CZ) in this well from 4,363 to 4,412 ft.

Humpback Fed. L-25-8-17: Operator reports TOC to be at 46 ft. and EPA agrees. The base of the B (CZ) is at 4,452 ft. in this well and shows 78 ft. of 80% or greater Cement Bond Index from 4,374 to 4,452 ft.

Balcron Monument Fed. 32-25-8-17: Operator reports TOC to be at 2,638 ft. per CBL analysis. EPA agrees. The base of the B (CZ) is at 4,380 ft. in this well and shows 18 ft. of 80% or greater Cement Bond Index from 4,362 to 80 ft. Also the well is a former injection well and has a successful Radioactive Tracer Survey (RATS) dated 7/17/06.

Federal I-25-8-17: Operator reports TOC to be at 235 ft CBL. EPA agrees. The base of the B (CZ) is at 4,467 ft. and shows 76 ft. of 80% or greater Cement Bond Index from 4,374 to 4,450 ft.

REPORTING REQUIREMENTS

Reporting of Noncompliance:

- (a) Anticipated Noncompliance. The operator shall give advance notice to the Director of any planned changes in the permitted facility or activity which may result in noncompliance with permit requirements.
- (b) Compliance Schedules. Reports of compliance or noncompliance with, or any progress on, interim and final requirements contained in any compliance schedule of this Permit shall be submitted no later than 30 days following each schedule date.
- (c) Written Notice of any noncompliance which may endanger health or the environment shall be reported to the Director within five days of the time the operator becomes aware of the noncompliance. The written notice shall contain a description of the noncompliance and its cause, the period of noncompliance including dates and times, if the noncompliance has not been corrected the anticipated time it is expected to continue, and steps taken or planned to prevent or reduce recurrence of the noncompliance.

Twenty-Four Hour Noncompliance Reporting: The operator shall report to the Director any noncompliance which may endanger health or environment. Information shall be provided, either orally or by leaving a message, within twenty-four (24) hours from the time the operator becomes aware of the circumstances by telephoning 1-(800)-227-8917 and asking for the EPA Region 8 UIC Program Compliance and Enforcement Director, or by contacting the Region 8 Emergency Operations Center at (303)-293-1788, if calling from outside EPA Region 8. The following information shall be included in the verbal report:

- (a) Any monitoring or other information which indicates that any contaminant may cause an endangerment to an underground source of drinking water.
- (b) Any noncompliance with a Permit condition or malfunction of the injection system which may cause fluid migration into or between underground sources of drinking water.

Oil Spill and Chemical Release Reporting: The operator shall comply with all other reporting requirements related to oil spills and chemical releases or other potential impacts to human health or the environment by contacting the National Response Center (NRC) 1-(800)-424-8802 or 1-(202)-267-2675, or through the NRC website at <http://www.nrc.uscg.mil/index.htm>

Other Noncompliance: The operator shall report all other instances of noncompliance not otherwise reported at the time monitoring reports are submitted.

Other Information: Where the operator becomes aware that he failed to submit any relevant facts in the Permit application, or submitted incorrect information in a Permit application, or in any report to the Director, the operator shall submit such correct facts or information within two weeks of the time such information became known.

UT 20771-08910

Humpback 8-25-8-17

Spud Date: 7/1/03
Put on Production: 7/29/03
GL: 5024' KB: 5036'

Proposed Injection Wellbore Diagram

Initial Production: 105 BOPD,
39 MCFD, 5 BWPD

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts. (301.87')
DEPTH LANDED: 311.87' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 150 sxs Class "G" cmt, est 3 bbls cmt to surf.

Base USDW 274'

Casing shoe @ 312'

Cement Top @ 400'

TOC/EPA 400' CBL

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 147 jts. (6325.42')
DEPTH LANDED: 6323.42' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 310 sxs Prem. Lite II mixed & 400 sxs 50/50 POZ.
CEMENT TOP AT: 400'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 193 jts (6070.56')
TUBING ANCHOR: 6082.56' KB
NO. OF JOINTS: 2 jts (62.95')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 6148.31' KB
NO. OF JOINTS: 2 jts (62.95')
TOTAL STRING LENGTH: EOT @ 6212.81' W/12' KB

Injection Zone:
4,392'-6,423'

FRAC JOB

7/25/03 5898'-6131'

Frac CP.5,1,2,4, sands as follows:
120,000# 20/40 sand in 484 bbls Viking I-25 fluid. Treated @ avg press of 1560 psi w/avg rate of 24.5 BPM. ISIP 1680 psi. Calc flush: 5896 gal. Actual flush: 5896 gal.

7/25/03 5570'-5674'

Frac LODC and A3 sands as follows:
39,369# 20/40 sand in 178 bbls Viking I-25 fluid. Treated @ avg press of 2825 psi w/avg rate of 24 BPM. ISIP 2070 psi. Calc flush: 5568 gal. Actual flush: 5569 gal.

7/25/03 5232'-5266'

Frac C sands as follows:
66,762# 20/40 sand in 291 bbls Viking I-25 fluid. Treated @ avg press of 1600 psi w/avg rate of 24.5 BPM. ISIP 1760 psi. Calc flush: 5230 gal. Actual flush: 5228 gal.

7/25/03 4600'-4726'

Frac GB/PB sands as follows:
66,762# 20/40 sand in 291 bbls Viking I-25 fluid. Treated @ avg press of 2625 psi w/avg rate of 23.9 BPM. ISIP 2470 psi. Calc flush: 4598 gal. Actual flush: 4599 gal.

08/17/05

Parted Rods. Update tubing and Rod details.

-3942' Confining Zone
-4096' Garden Gulch
-4274' G. G.-1
-4392' G. G.-2

31' 80% CBL Confining Zone
0' " " A CZ
12' " " B CZ

Packer @ 4550'

4600'-4605'

4722'-4726'

-5042 Douglas Crk.

5232'-5247'

5257'-5266'

5570'-5579'

5669'-5674'

-5881' Castle Peak

5898'-5902'

5954'-5966'

5993'-6006'

6125'-6131'

-6298 Basal Carb.

PBTD @ 6302'

SHOE @ 6323'

TD @ 6340'

Est. Wasatch 6423'

PERFORATION RECORD

Date	Interval	Tool	Holes
7/23/03	6125'-6131'	4 JSPF	24 holes
7/23/03	5993'-6006'	4 JSPF	52 holes
7/23/03	5954'-5966'	4 JSPF	48 holes
7/23/03	5898'-5902'	4 JSPF	16 holes
7/25/03	5669'-5674'	4 JSPF	20 holes
7/25/03	5570'-5579'	4 JSPF	36 holes
7/25/03	5257'-5266'	4 JSPF	36 holes
7/25/03	5232'-5247'	4 JSPF	60 holes
7/25/03	4722'-4726'	4 JSPF	16 holes
7/25/03	4600'-4605'	4 JSPF	20 holes

NEWFIELD

Humpack 8-25-8-17

1899' FNL & 739' FEL

SENE Section 25-T8S-R17E

Uintah Co, Utah

API #43-047-34486; Lease #UTU-74870

Humpback 8-25-8-17

Spud Date: 7/1/03
Put on Production: 7/29/03
GL: 5024' KB: 5036'

Initial Production: 105 BOPD,
39 MCFD, 5 BWPD

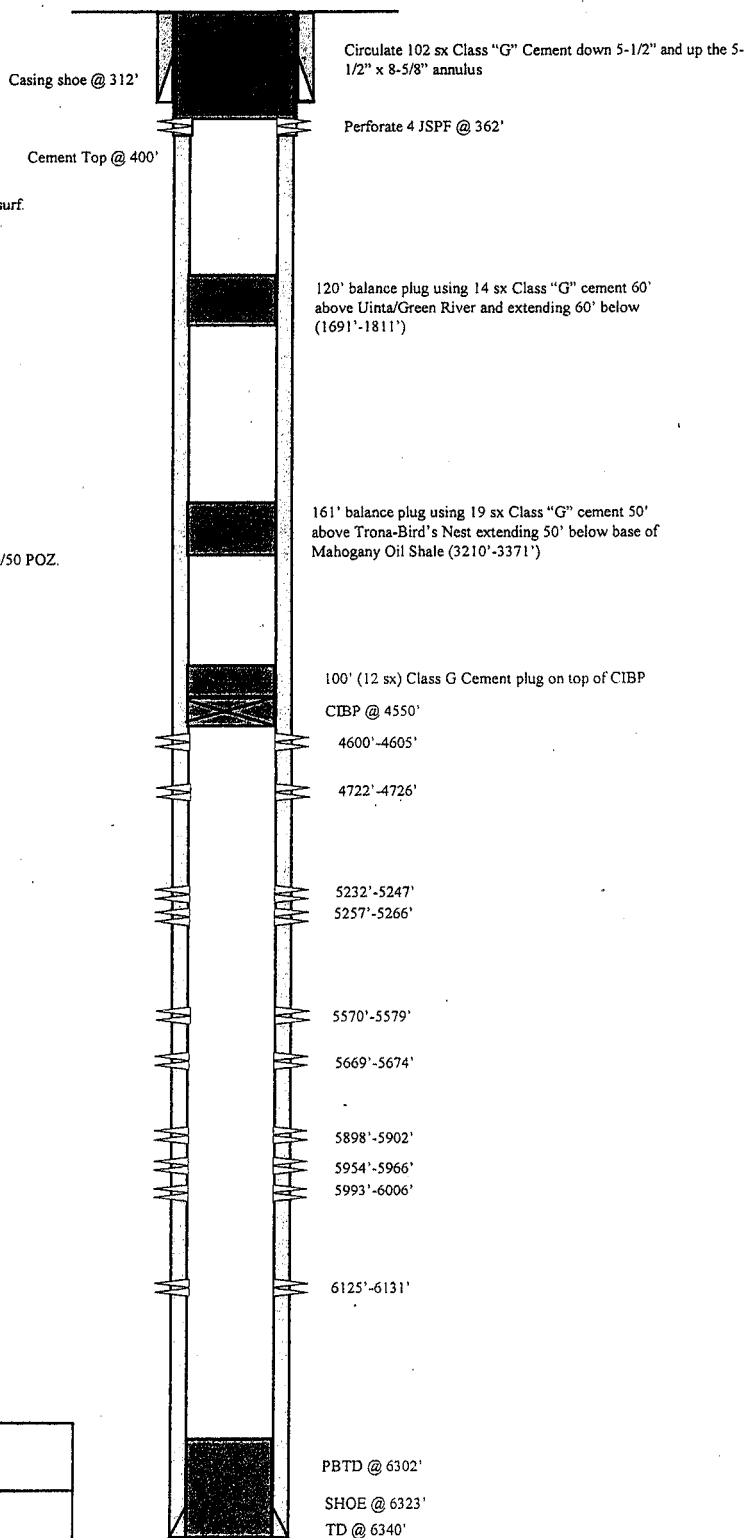
Proposed P & A Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts. (301.87')
DEPTH LANDED: 311.87' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 150 sxs Class "G" cmt, est 3 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 147 jts. (6325.42')
DEPTH LANDED: 6323.42' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 310 sxs Prem. Lite II mixed & 400 sxs 50/50 POZ.
CEMENT TOP AT: 400'



NEWFIELD

Humpack 8-25-8-17
1899' FNL & 739' FEL
SENE Section 25-T8S-R17E
Uintah Co, Utah
API #43-047-34486; Lease #UTU-74870



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 8

1595 Wynkoop Street
DENVER, CO 80202-1129
Phone 800-227-8917
<http://www.epa.gov/region08>

RECEIVED

NOV 10 2010

Ref: 8P-W-GW

NOV 03 2010

CERTIFIED MAIL

RETURN RECEIPT REQUESTED

DIV. OF OIL, GAS & MINING

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY

Mr. Eric Sundberg
Regulatory Analyst
Newfield Production Company
1001 Seventeenth Street – Suite 2000
Denver, CO 80202

RE: Underground Injection Control (UIC)
Additional Well to Humpback Permit
EPA UIC Permit UT20852-08910
Well: Humpback 8-25-8-17
SENE Sec. 25 T8S-R17E
Uintah County, Utah
API No.: 43-047-34486

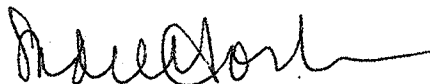
Dear Mr. Sundberg:

The U.S. Environmental Protection Agency (EPA), Region 8, hereby authorizes Newfield Production Company (Newfield) to convert the oil well Humpback 8-25-8-17 to an enhanced recovery injection well according to the terms and conditions of the enclosed Authorization for Additional Well. The addition of this injection well, within the exterior boundary of the Uintah & Ouray Indian Reservation, is being made under the authority of 40 CFR §144.33 (c) and terms of the Humpback Area Permit UT20852-00000.

Please be aware that Newfield does not have authorization to begin well injection until all Prior to Commencing Injection requirements are met and written authorization to inject is given by the Director. Prior to receiving authorization to inject, Newfield must submit for review and approval (1) the results of a Part I (internal) Mechanical Integrity test, (2) a pore pressure calculation of the injection interval, and (3) a completed EPA Form No. 7520-12 (Well Rework Record) with a new schematic diagram.

If you have any questions, please call Bob Near at (303) 312-6278 or 1-(800)-227-8917 (Ext. 312-6278). Please submit the required data to Jason Deardorff at the letterhead address citing mail code 8P-W-GW.

Sincerely,



Stephen S. Tuber
Assistant Regional Administrator
Office of Partnerships and Regulatory Assistance



UTAH DIVISION OF OIL, GAS, AND MINING

Enclosures: Authorization for Additional Well
Wellbore and P&A Schematics for Humpback 8-25-8-17

cc Letter Only:

Uintah & Ouray Business Committee:
Frances Poowegup, Vice-Chairwoman
Curtis Cesspooch, Councilman
Phillip Chimburas, Councilman
Stewart Pike, Councilman
Irene Cuch, Councilwoman
Richard Jenks, Jr., Councilman

Daniel Picard
BIA - Uintah & Ouray Indian Agency

cc All Enclosures:

Mike Natchees
Environmental Coordinator
Ute Indian Tribe

Manual Myore
Director of Energy & Minerals Dept.
Ute Indian Tribe

Brad Hill
Acting Associate Director
Utah Division of Oil, Gas, and Mining

Fluid Minerals Engineering Office
BLM - Vernal Office

Michael Guinn
District Manager
Newfield Production Company
Myton, Utah



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION 8
1595 WYNKOOP STREET
DENVER, CO 80202-1129
Phone 800-227-8917
<http://www.epa.gov/region08>

AUTHORIZATION FOR ADDITIONAL WELL

UIC Area Permit UT20852

The Humpback Unit Final UIC Area Permit UT20852-00000, effective October 8, 1998, authorizes injection for the purpose of enhanced oil recovery in the Monument Butte Field. On August 13, 2010, Newfield Production Company notified the Director concerning the following additional enhanced recovery injection well:

Well Name: **Humpback 8-25-8-17**
EPA Permit ID Number: **UT20852-08910**
Location: **1899' FNL & 739' FEL
SENE Sec. 25 T8S-R17E
Uintah County, Utah
API #43-047-34486**


**Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY**

Pursuant to 40 CFR §144.33, Area UIC Permit UT20852-00000 authorizes the permittee to construct and operate, convert, or plug and abandon additional enhanced recovery injection wells within the area permit. This well was determined to satisfy additional well criteria required by the permit.

This well is subject to all provisions of UIC Area Permit No. UT20852-00000, as modified and as specified in the Injection Well-Specific Requirements detailed below. This Authorization shall expire one year after the Effective Date unless the permittee has converted the well to injection or submits a written request to extend this Authorization prior to the expiration date.

This Authorization is effective upon signature.

Date: **NOV 03 2010**


Stephen S. Tuber
*Assistant Regional Administrator
Office of Partnerships and Regulatory Assistance

** The person holding this title is referred to as the Director throughout the permit and Authorization*

INJECTION WELL-SPECIFIC REQUIREMENTS

Well Name: **Humpback 8-25-8-17**
EPA Well ID Number: **UT20852-08910**

Prior to Commencing Injection Operations, the permittee shall submit the following information:

1. Completed Well Rework Record (EPA Form No. 7520-12) and schematic diagram;
2. Pore pressure calculation of the proposed injection zone;
3. Results from a successful part I (internal) Mechanical Integrity test.

Once these records are received and approved by EPA, the Director will provide written authorization to inject for a limited period of 180 days, during which time a Radioactive Tracer Survey (RTS) is required. A successful RTS will be considered valid at injection pressures up to the MAIP until one of the following events occurs, at which time a subsequent RTS is required:

- a) If the submitted RTS is determined to be inconclusive or inadequate by EPA,
- b) If the MAIP of the injection well is exceeded for any reason (*It is a violation to exceed the MAIP without prior EPA approval*),
- c) If new injection perforations are added to the injection well, either through the creation of new perforations or the adjustment of the packer depth to inject into a set of existing perforations that were previously inactive,
- d) If the injection formation is acid-treated, hydraulically stimulated, or stimulated by any other method through the injection well, that may affect the cement integrity of the well,
- e) If the Director requests that a RTS be run for any reason.

Note: All depths given in this authorization reference the Kelly Bushing datum unless otherwise specified.

Approved Injection Zone: Injection is approved between the top of the Garden Gulch -2 Member of the Green River Formation at 4,392 feet (ft.) to the top of the Wasatch Formation, at an estimated depth of 6,423 ft.

Maximum Allowable Injection Pressure (MAIP): The initial MAIP is 920 psig, based on the following calculation:

$$\text{MAIP} = [\text{FG} - (0.433)(\text{SG})] * D, \text{ where}$$
$$\text{FG} = 0.64 \text{ psi/ft} \quad \text{SG} = 1.015 \quad D = 4,600 \text{ ft. (top perforation depth KB)}$$

Initial MAIP = 920 psig

FG = Fracture Gradient SG = Specific Gravity of Injectate (Maximum)

UIC Area Permit No. UT20852-00000 provides the opportunity for the permittee to request a change of the MAIP based upon the submitted results of a step rate test that demonstrates the formation parting pressure.

Well Construction - Casing and Cementing: The well was constructed in compliance with existing regulatory controls for casing and cementing pursuant to 40 CFR § 146.22(c). However, cementing records, including the cement bond log, have not satisfactorily demonstrated the presence of adequate cement to prevent the migration of injection fluids behind the casing from the injection zone.

An EPA annotated wellbore diagram is attached.

Well Construction - Tubing and Packer: 2-7/8" or similar size injection tubing is approved. The packer shall be set at a depth no more than 100 ft. above the top perforation.

Demonstration of Mechanical Integrity:

- (1) A successful demonstration of part I (internal) mechanical integrity using a Casing-Tubing Annulus Pressure Test is required prior to injection, and no less than every five years after the last successful test.
- (2) Because the cementing records have not satisfactorily demonstrated the presence of adequate cement to prevent migration of injection fluids behind the casing from the injection zone, a RTS is required to confirm the presence of adequate cement. The RTS will supplement the cementing records, which show an insufficient interval of 80 percent cement bond index or greater through the confining zone, by demonstrating the presence or absence of adequate cement to prevent fluid movement behind the casing above the uppermost perforation. It is intended that a maximum of 180 days of injection will allow the injection zone to achieve the Maximum Allowable Injection Pressure (MAIP) for the purpose of executing the RTS. If 180 days is not sufficient to achieve the MAIP specified in the permit, an extension of the period of Limited Authorization to Inject may be requested. If the RTS is not run, or if the RTS does not confirm adequate cement, the permittee shall demonstrate Part II (external) Mechanical Integrity pursuant to 40 CFR §146.8(a)(2) using an approved test method such as temperature log, noise log or oxygen activation log, and the demonstration of Part II Mechanical Integrity shall be repeated no less than every five years after the last successful test.

Demonstration of Financial Responsibility: At the time of issuance of this Authorization for Additional Well UIC Permit, The Environmental Protection Agency Region 8 (EPA) has identified deficiencies in Newfield Production Company's (Newfield) Financial Statement submitted on June 10, 2010, as a demonstration of the company's ability to plug and abandon all Newfield injection wells permitted by EPA. EPA's Office of Enforcement, Compliance and Environmental Justice (ECEJ) is taking action to correct any deficiencies. EPA's Office of Partnerships and Regulatory Assistance (OPRA), the division responsible for issuing all UIC permits, has determined that these deficiencies in Financial Responsibility do not represent an

imminent endangerment to underground sources of drinking water in the Monument Butte Field and that the issuance of UIC permits to Newfield should continue while ECEJ works with Newfield to correct any deficiencies. In the event that Newfield is unable to return to full compliance on Financial Responsibility within a reasonable period of time, OPRA may stop the issuance of new UIC permits to Newfield until Newfield fully demonstrates Financial Responsibility for all Newfield injection wells currently operating under EPA UIC permits.

Plugging and Abandonment: The well shall be plugged in a manner that isolates the injection zone and prevents movement of fluids into or between Underground Sources of Drinking Water (USDW). Tubing, packers, and any downhole apparatus shall be removed. Class A, C, G, and H cements, with additives such as accelerators and retarders that control or enhance cement properties, may be used for plugs; however, volume extending additives and gel cements are not approved for plug use. Plug placement shall be verified by tagging. Plugging gel of at least 9.2 lb/gal shall be placed between all plugs. A minimum 50 ft. surface plug shall be set inside and outside of the surface casing to seal pathways for fluid migration into the subsurface. Within sixty (60) days after plugging the owner or operator shall submit Plugging Record (EPA Form 7520-13) to the Director. The Plugging Record must be certified as accurate and complete by the person responsible for the plugging operation. At a minimum, the following plugs are required:

Plug 1: Set a cast iron bridge plug (CIBP) no more than 50 ft. above the top perforation with a minimum of 20 ft. cement plug on top of the CIBP.

Plug 2: Perforate and squeeze cement up the backside of the 5-1/2" casing across the Trona Zone and the Mahogany Bench from approximately 3,210 to 3,371 ft. unless pre-existing backside cement precludes cement-squeezing this interval. Set a minimum 161-foot balanced cement plug inside the 5-1/2" casing from approximately 3,210 to 3,371 ft.

Plug 3: Perforate and squeeze cement up the backside of the 5-1/2" casing across the contact between the Uinta Formation and Green River Formation at 1,751 ft., from approximately 1,691 to 1,811 ft., unless pre-existing backside cement precludes cement-squeezing this interval. Set a minimum 120-foot cement plug inside the 5-1/2" casing from approximately 1,691 to 1,811 ft.

Plug 4: Perforate and squeeze cement up the 5-1/2" x 8-5/8" casing annulus to the surface unless pre-existing cement precludes cementing this interval. Set a Class "G" cement plug within the 5-1/2" casing, from a depth of 312 ft. to the surface.

An EPA annotated diagram of the plugging and abandonment plan is attached.

INJECTION WELL-SPECIFIC CONSIDERATIONS

Well Name: **Humpback 8-25-8-17**
EPA Well ID Number: **UT20852-08910**

Underground Sources of Drinking Water (USDWs): USDWs in the Pleasant Valley Area Permit generally occur within the Uinta Formation. According to "*Base of Moderately Saline Ground Water in the Uinta Basin, Utah, State of Utah Technical Publication No. 92,*" the base of moderately saline ground water may be found at approximately 274 ft. below ground surface in the Humpback 8-25-8-17 well. Water samples from the Green River Formation taken in conjunction with oil production show that USDWs do occur at deeper depths within the Humpback unit and as deep as 6,026 ft. in the Balcon Monument Federal 33-25-8-17 well.

Water Resources in the Area of Review: According to the Utah Division of Water Rights (<http://nrwrt1.nr.state.ut.us>), there are no reservoirs, streams, domestic or agricultural water wells within a quarter (1/4) mile of the well.

Composition of Source, Formation, and Injectate Water: The Total Dissolved Solids (TDS) content of water produced from the Garden Gulch and Douglas Creek Members of the Green River Formation was determined to be 12,246 mg/l on June 4, 2010. Due to nearby injection activity for the purpose of enhanced oil recovery, this TDS value may not be representative of the original TDS content of formation waters at or near the Humpback 8-25-8-17 well.

The TDS content of injectate was determined to be 2,897 mg/l on January 5, 2010. The injectate is water from the Boundary Injection Facility and consists of culinary water from the Johnson Water District blended with produced Green River Formation water resulting in a TDS content less than 10,000 mg/l.

Aquifer Exemption: An aquifer exemption is not required because the TDS of the produced water from the proposed injection well is greater than 10,000 mg/l.

Confining Zone: The Confining Zone, which directly overlies the Garden Gulch-2 Member of the Green River Formation, (B Confining Zone), is approximately 90 ft. of shale between the depths of 4,303 ft. and 4,392 ft.

Injection Zone: The Injection Zone at this well location is approximately 2,031 ft. of multiple lenticular sand units interbedded with shale, marlstone and limestone from the top of the Garden Gulch-2 Member at 4,392 ft. to the top of the Wasatch Formation which is estimated to be at 6,423 ft. Formation tops are either submitted by the operator or are based on correlations to the Newfield Production Federal 1-26-8-17 (UT20702-04671) Type Log.

Well Construction: The Cement Bond Log (CBL) does not show a sufficient interval of continuous 80 percent or greater cement bond index through the B Confining Zone (4,303 to 4,392 ft.). Therefore, further demonstration that well cement is adequate to prevent significant migration of injection fluids behind casing is required.

Surface Casing: 8-5/8" casing is set at 312 ft. in a 12-1/4" hole, using 150 sacks Class "G" cement, cemented to the surface.

UT 20852-08910

Humpback 8-25-8-17

Spud Date: 7/1/03
Put on Production: 7/29/03
GL: 5024' KB: 5036'

Proposed Injection Wellbore Diagram

Initial Production: 105 BOPD,
39 MCFD, 5 BWPD

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts (301.87')
DEPTH LANDED: 311.87' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 150 sxs Class "G" cmt, est 3 bbls cmt to surf.

Base USDW 274'

Casing shoe @ 312'

Cement Top @ 400'

TOC/EPA 400' CBL

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 147 jts (6325.42')
DEPTH LANDED: 6323.42' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 310 sxs Prem. Lite II mixed & 400 sxs 50/50 POZ.
CEMENT TOP AT: 400'

TUBING

SIZE/GRADE/WT: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 193 jts (6070.56')
TUBING ANCHOR: 6082.56' KB
NO. OF JOINTS: 2 jts (62.95')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 6148.31' KB
NO. OF JOINTS: 2 jts (62.95')
TOTAL STRING LENGTH: EOT @ 6212.81' W/12' KB

Injection Zone:
4392'-6,423'

FRAC JOB

7/25/03 5898'-6131'

Frac CP, S, I, 2, 4, sands as follows:
120,000# 20/40 sand in 484 bbls Viking I-25 fluid. Treated @ avg press of 1560 psi w/avg rate of 24.5 BPM. ISIP 1680 psi. Calc flush: 5896 gal. Actual flush: 5896 gal.

7/25/03 5570'-5674'

Frac LODC and A3 sands as follows:
39,369# 20/40 sand in 178 bbls Viking I-25 fluid. Treated @ avg press of 2825 psi w/avg rate of 24 BPM. ISIP 2070 psi. Calc flush: 5568 gal. Actual flush: 5569 gal.

7/25/03 5232'-5266'

Frac C sands as follows:
66,762# 20/40 sand in 291 bbls Viking I-25 fluid. Treated @ avg press of 1600 psi w/avg rate of 24.5 BPM. ISIP 1760 psi. Calc flush: 5230 gal. Actual flush: 5228 gal.

7/25/03 4600'-4726'

Frac GB/PB sands as follows:
66,762# 20/40 sand in 291 bbls Viking I-25 fluid. Treated @ avg press of 2625 psi w/avg rate of 23.9 BPM. ISIP 2470 psi. Calc flush: 4598 gal. Actual flush: 4599 gal.

08/17/05

Parted Rods: Update tubing and Rod details

-3942' Confining Zone
-4096' Garden Gulch
-4274' G. G.-1
-4392' G. G.-2

31' 80% CBI Confining Zone
0' " " A CZ
12' " " B CZ

Packer @ 4550'

4600'-4605'

4722'-4726'

-5042 Douglas Crk.

5232'-5247'

5257'-5266'

5570'-5579'

5669'-5674'

-5881 Castle Peak

5898'-5902'

5954'-5966'

5993'-6006'

6125'-6131'

-6298 Basal Carb.

PBTD @ 6302'

SHOE @ 6323'

TD @ 6340'

PERFORATION RECORD

Date	Interval	Tool	Holes
7/23/03	6125'-6131'	4 JSPF	24 holes
7/23/03	5993'-6006'	4 JSPF	52 holes
7/23/03	5954'-5966'	4 JSPF	48 holes
7/23/03	5898'-5902'	4 JSPF	16 holes
7/25/03	5669'-5674'	4 JSPF	20 holes
7/25/03	5570'-5579'	4 JSPF	36 holes
7/25/03	5257'-5266'	4 JSPF	36 holes
7/25/03	5232'-5247'	4 JSPF	60 holes
7/25/03	4722'-4726'	4 JSPF	16 holes
7/25/03	4600'-4605'	4 JSPF	20 holes

NEWFIELD

Humpback 8-25-8-17

1899' FNL & 739' FEL
SENE Section 25-T8S-R17E
Uintah Co, Utah

API #43-047-34486; Lease #UTU-74870

Est. Wasatch 6423'

Humpback 8-25-8-17

Spud Date: 7/1/03
Put on Production: 7/29/03
GL: 5024' KB: 5036'

Initial Production: 105 BOPD,
39 MCFD, 5 BWPD

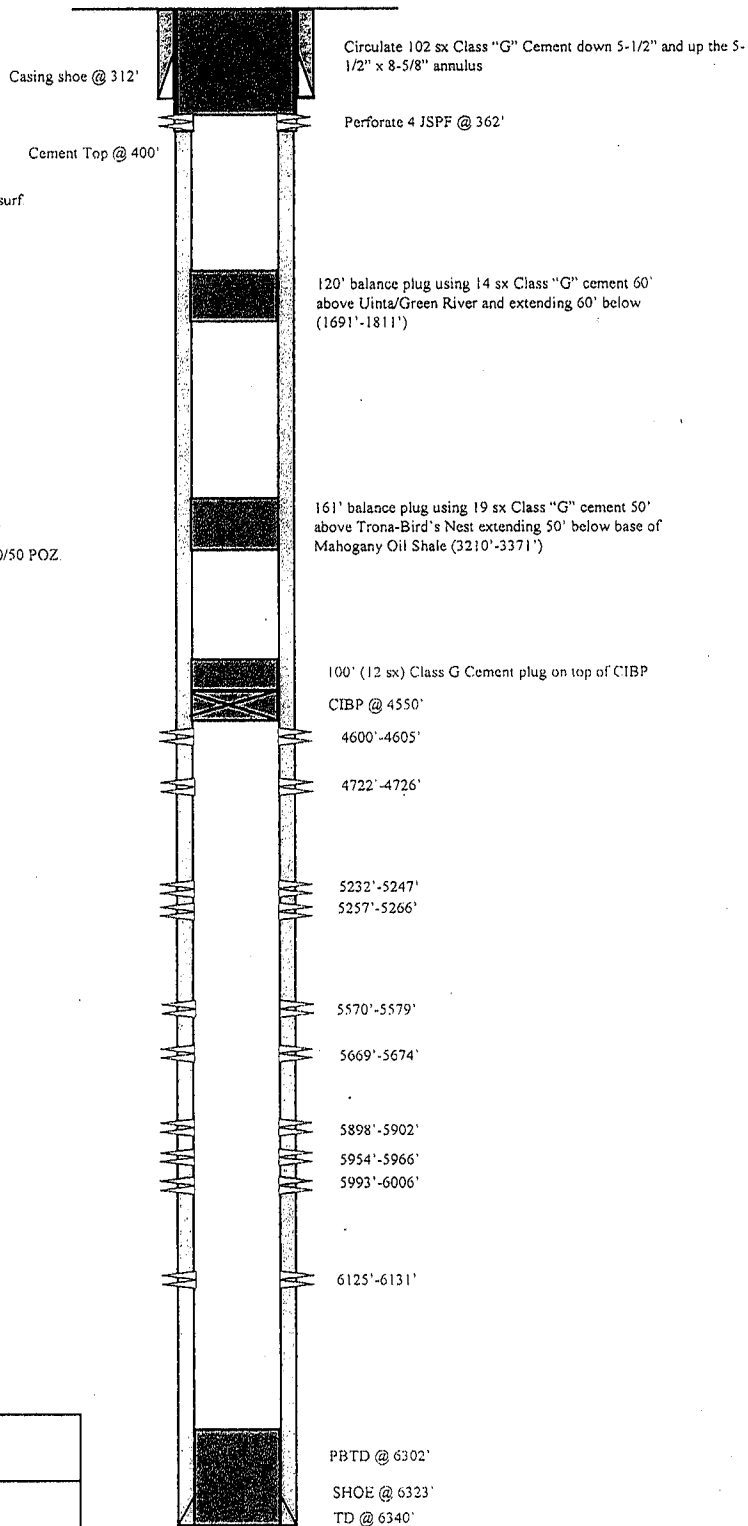
SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts. (301.87')
DEPTH LANDED: 311.87' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 150 sxs Class "G" cmt, est 3 bbls cmt to surf

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 147 jts. (6325.42')
DEPTH LANDED: 6323.42' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 310 sxs Prem Lite II mixed & 400 sxs 50/50 POZ
CEMENT TOP AT: 400'

Proposed P & A Wellbore Diagram



NEWFIELD

Humpack 8-25-8-17
1899' FNL & 739' FEL
SENE Section 25-T8S-R17E
Uintah Co, Utah
API #43-047-34486; Lease #UTU-74870

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-74870
1. TYPE OF WELL Oil Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052		8. WELL NAME and NUMBER: HUMPBACK 8-25-8-17
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1899 FNL 0739 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SENE Section: 25 Township: 08.0S Range: 17.0E Meridian: S		9. API NUMBER: 43047344860000
PHONE NUMBER: 435 646-4825 Ext		9. FIELD and POOL or WILDCAT: MONUMENT BUTTE
COUNTY: UINTAH		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL NAME <input checked="" type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input checked="" type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PLUG BACK <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> APD EXTENSION <input type="checkbox"/> WILDCAT WELL DETERMINATION <input type="checkbox"/> OTHER: <input style="width: 100px;" type="text"/>	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 9/15/2011		
<input type="checkbox"/> SPUD REPORT Date of Spud:		
<input type="checkbox"/> DRILLING REPORT Report Date:		
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. The subject well has been converted from a producing oil well to an injection well on 09/12/2011. On 09/13/2011 Jason Deardorff with the EPA was contacted concerning the initial MIT on the above listed well. On 09/15/2011 the casing was pressured up to 1555 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 300 psig during the test. There was not an EPA representative available to witness the test. EPA# UT20852-08910		
<div style="display: flex; justify-content: space-between;"> <div> NAME (PLEASE PRINT) Lucy Chavez-Naupoto </div> <div> PHONE NUMBER 435 646-4874 </div> <div> TITLE Water Services Technician </div> </div>		
SIGNATURE N/A		DATE 9/19/2011

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY

Mechanical Integrity Test

Casing or Annulus Pressure Mechanical Integrity Test

U.S. Environmental Protection Agency
Underground Injection Control Program
999 18th Street, Suite 500 Denver, CO 80202-2466

EPA Witness: _____ Date: 9 / 15 / 11
Test conducted by: Cole Harris
Others present: _____

Well Name: <u>Hump Back 9-25-4-17</u>	Type: ER SWD	Status: AC TA UC
Field: <u>Monument Butte</u>		
Location: <u>SE 1/4</u> , Sec: <u>25</u> T <u>8</u> N <u>10</u> R <u>17</u> E / W County: <u>Vinton</u> State: <u>VT</u>		
Operator: <u>Newfield</u>		
Last MIT: <u>1</u> / <u>1</u>	Maximum Allowable Pressure: _____ PSIG	

Is this a regularly scheduled test? ☐ Yes ☒ No
Initial test for permit? ☒ Yes ☐ No
Test after well rework? ☐ Yes ☒ No
Well injecting during test? ☐ Yes ☒ No If Yes, rate: _____ bpd

Pre-test casing/tubing annulus pressure: 0 psig

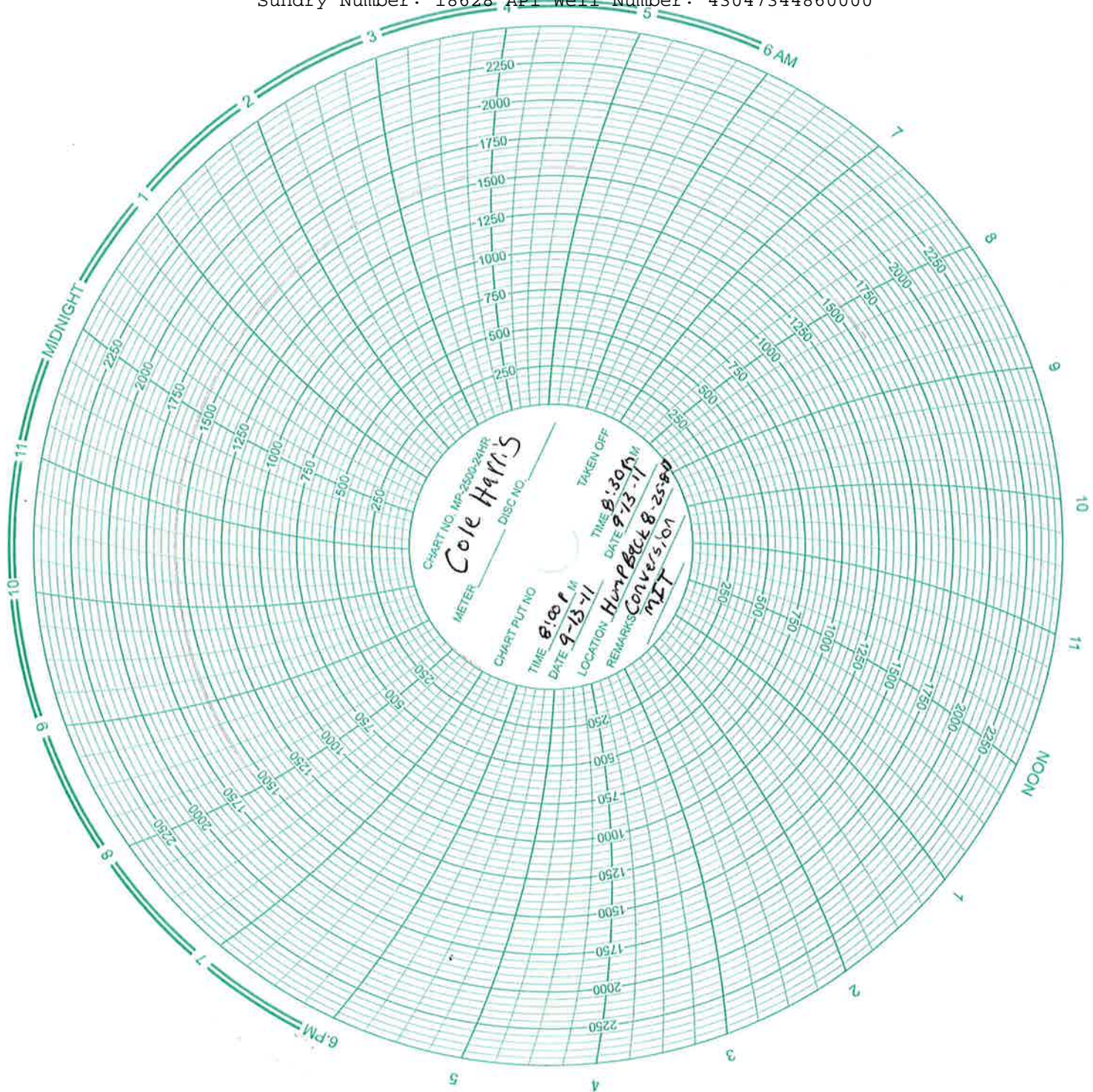
MIT DATA TABLE	Test #1	Test #2	Test #3
TUBING	PRESSURE		
Initial Pressure	300 psig	psig	psig
End of test pressure	300 psig	psig	psig
CASING / TUBING	ANNULUS PRESSURE		
0 minutes	1555 psig	psig	psig
5 minutes	1555 psig	psig	psig
10 minutes	1555 psig	psig	psig
15 minutes	1555 psig	psig	psig
20 minutes	1555 psig	psig	psig
25 minutes	1555 psig	psig	psig
30 minutes	1555 psig	psig	psig
_____ minutes	psig	psig	psig
_____ minutes	psig	psig	psig
RESULT	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail

Does the annulus pressure build back up after the test? ☐ Yes ☒ No

MECHANICAL INTEGRITY PRESSURE TEST

Additional comments for mechanical integrity pressure test, such as volume of fluid added to annulus and bled back at end of test, reason for failing test (casing head leak, tubing leak, other), etc.:

Signature of Witness: _____



Humpback 8-25-8-17

Spud Date: 7/1/03

Put on Production: 7/29/03

GL: 5024' KB: 5036'

Initial Production: 105 BOPD,
39 MCFD, 5 BWPDSURFACE CASING

CSG SIZE: 8-5/8"

GRADE: J-55

WEIGHT: 24#

LENGTH: 7 jts, (301.87')

DEPTH LANDED: 311.87' KB

HOLE SIZE: 12-1/4"

CEMENT DATA: 150 sxs Class "G" cmt, est 3 bbls cmt to surf,

PRODUCTION CASING

CSG SIZE: 5-1/2"

GRADE: J-55

WEIGHT: 15.5#

LENGTH: 147 jts, (6325.42')

DEPTH LANDED: 6323.42' KB

HOLE SIZE: 7-7/8"

CEMENT DATA: 310 sxs Prem, Lite II mixed & 400 sxs 50/50 POZ,

CEMENT TOP AT: 400'

TUBING

SIZE/GRADE/WT: 2-7/8" / J-55 / 6.5#

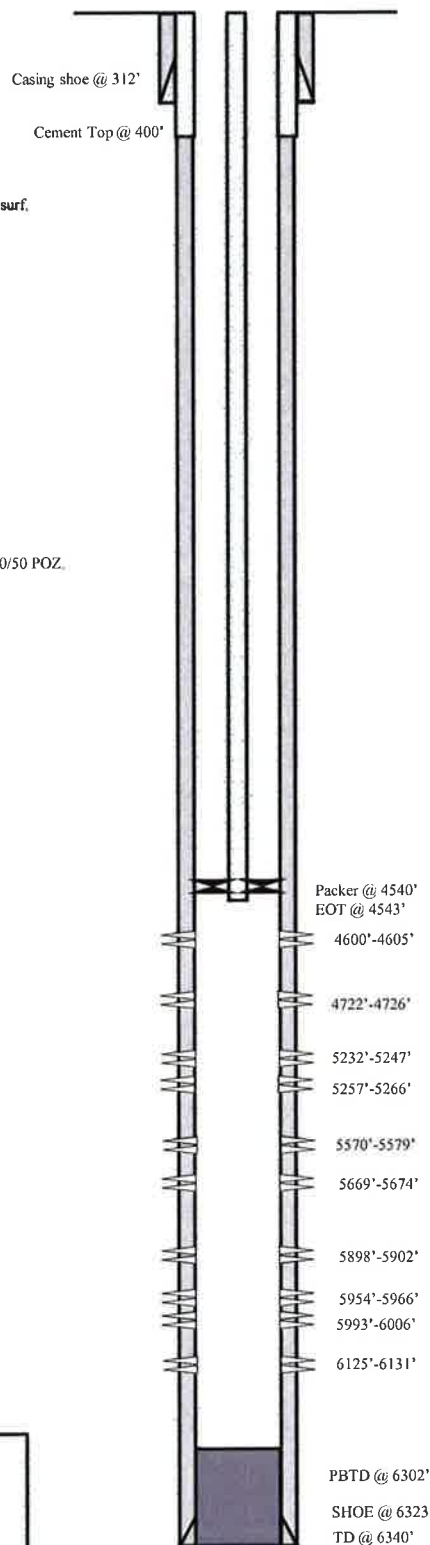
NO. OF JOINTS: 144jts (4524.1')

SEATING NIPPLE: 2-7/8" (1.10')

SN LANDED AT: 4536.1' KB

CE @ 4540.29'

TOTAL STRING LENGTH: EOT @ 4543' W/12' KB

Injection Wellbore
DiagramFRAC JOB

7/25/03	5898'-6131'	Frac CP,5,1,2,4, sands as follows: 120,000# 20/40 sand in 484 bbls Viking I-25 fluid. Treated @ avg press of 1560 psi w/avg rate of 24.5 BPM, ISIP 1680 psi. Calc flush: 5896 gal, Actual flush: 5896 gal.
7/25/03	5570'-5674'	Frac LODC and A3 sands as follows: 39,369# 20/40 sand in 178 bbls Viking I-25 fluid. Treated @ avg press of 2825 psi w/avg rate of 24 BPM, ISIP 2070 psi. Calc flush: 5568 gal, Actual flush: 5569 gal.
7/25/03	5232'-5266'	Frac C sands as follows: 66,762# 20/40 sand in 291 bbls Viking I-25 fluid. Treated @ avg press of 1600 psi w/avg rate of 24.5 BPM, ISIP 1760 psi. Calc flush: 5230 gal, Actual flush: 5228 gal.
7/25/03	4600'-4726'	Frac GB/PB sands as follows: 66,762# 20/40 sand in 291 bbls Viking I-25 fluid. Treated @ avg press of 2625 psi w/avg rate of 23.9 BPM, ISIP 2470 psi. Calc flush: 4598 gal, Actual flush: 4599 gal.
08/17/05		Parted Rods. Update tubing and Rod details.
09/12/11		Convert to injection well
09/15/11		Conversion MIT finalized – update tbg detail

PERFORATION RECORD

7/23/03	6125'-6131'	4 JSFP	24 holes
7/23/03	5993'-6006'	4 JSFP	52 holes
7/23/03	5954'-5966'	4 JSFP	48 holes
7/23/03	5898'-5902'	4 JSFP	16 holes
7/25/03	5669'-5674'	4 JSFP	20 holes
7/25/03	5570'-5579'	4 JSFP	36 holes
7/25/03	5257'-5266'	4 JSFP	36 holes
7/25/03	5232'-5247'	4 JSFP	60 holes
7/25/03	4722'-4726'	4 JSFP	16 holes
7/25/03	4600'-4605'	4 JSFP	20 holes

NEWFIELD**Humpback 8-25-8-17****1899' FNL & 739' FEL****SENE Section 25-T8S-R17E****Uintah Co, Utah****API #43-047-34486; Lease #UTU-74870**

Daily Activity Report**Format For Sundry****HUMPBAC 8-25-8-17****7/1/2011 To 11/30/2011****9/13/2011 Day: 1****Conversion**

NC #3 on 9/13/2011 - MIRUSU, LD rods. - Cont TIH w/ 104- jts 2 7/8" tbg. Pressure test tbg to 3000 psi w/ 35bbbls water. Held pressure for 1 hr. RU sandline & retrieve SV. RD sandline. RD work floor. ND BOPs. Pump 50 bbbls packer fluid. Set packer in 18000# tension. NU wellhead. Pressure test csg to 1500 psi w/ 30 bbbls packer fluid. Held pressure for 1hr. RDMOSU.I READY FOR MIT!! - Road rig to location. MIRUSU. Pump 60 bbbls water down csg @ 250°. RD pumping unit. Unseat rod pump. Flush tbg & rods w/ 40 bbbls water @ 250. Softseat & pressure test tbg to 3000 psi w/ 20 bbbls water. Good test. Unseat rod pump. TOH & LD w/ 99- 3/4 guided rods, 20- 3/4 plain rods. SDFD. - Road rig to location. MIRUSU. Pump 60 bbbls water down csg @ 250°. RD pumping unit. Unseat rod pump. Flush tbg & rods w/ 40 bbbls water @ 250. Softseat & pressure test tbg to 3000 psi w/ 20 bbbls water. Good test. Unseat rod pump. TOH & LD w/ 99- 3/4 guided rods, 20- 3/4 plain rods. SDFD. - Cont TIH w/ 104- jts 2 7/8" tbg. Pressure test tbg to 3000 psi w/ 35bbbls water. Held pressure for 1 hr. RU sandline & retrieve SV. RD sandline. RD work floor. ND BOPs. Pump 50 bbbls packer fluid. Set packer in 18000# tension. NU wellhead. Pressure test csg to 1500 psi w/ 30 bbbls packer fluid. Held pressure for 1hr. RDMOSU.I READY FOR MIT!! - Cont TIH w/ 104- jts 2 7/8" tbg. Pressure test tbg to 3000 psi w/ 35bbbls water. Held pressure for 1 hr. RU sandline & retrieve SV. RD sandline. RD work floor. ND BOPs. Pump 50 bbbls packer fluid. Set packer in 18000# tension. NU wellhead. Pressure test csg to 1500 psi w/ 30 bbbls packer fluid. Held pressure for 1hr. RDMOSU.I READY FOR MIT!! - Flush tbg & rods w/ 30 bbbls water @ 250. TOH & LD w/ 99- 3/4 plain rods, 20- 3/4 guided rods, 6- 1 1/2 wt bars, rod pump. Pump looked good. X- over to tbg eq. ND wellhead. TA was not set. NU BOP. RU rig floor. TOH inspecting & doping pins w/ 144- jts 2 7/8. LD w/ 49- jts 2 7/8, TA, 2- jts 2 7/8, SN, 2- jts 2 7/8, NC. TIH w/ packer, SN, 40 jts 2 7/8" tbg. SDFD. - Flush tbg & rods w/ 30 bbbls water @ 250. TOH & LD w/ 99- 3/4 plain rods, 20- 3/4 guided rods, 6- 1 1/2 wt bars, rod pump. Pump looked good. X- over to tbg eq. ND wellhead. TA was not set. NU BOP. RU rig floor. TOH inspecting & doping pins w/ 144- jts 2 7/8. LD w/ 49- jts 2 7/8, TA, 2- jts 2 7/8, SN, 2- jts 2 7/8, NC. TIH w/ packer, SN, 40 jts 2 7/8" tbg. SDFD. - Flush tbg & rods w/ 30 bbbls water @ 250. TOH & LD w/ 99- 3/4 plain rods, 20- 3/4 guided rods, 6- 1 1/2 wt bars, rod pump. Pump looked good. X- over to tbg eq. ND wellhead. TA was not set. NU BOP. RU rig floor. TOH inspecting & doping pins w/ 144- jts 2 7/8. LD w/ 49- jts 2 7/8, TA, 2- jts 2 7/8, SN, 2- jts 2 7/8, NC. TIH w/ packer, SN, 40 jts 2 7/8" tbg. SDFD. - Road rig to location. MIRUSU. Pump 60 bbbls water down csg @ 250°. RD pumping unit. Unseat rod pump. Flush tbg & rods w/ 40 bbbls water @ 250. Softseat & pressure test tbg to 3000 psi w/ 20 bbbls water. Good test. Unseat rod pump. TOH & LD w/ 99- 3/4 guided rods, 20- 3/4 plain rods. SDFD. - Road rig to location. MIRUSU. Pump 60 bbbls water down csg @ 250°. RD pumping unit. Unseat rod pump. Flush tbg & rods w/ 40 bbbls water @ 250. Softseat & pressure test tbg to 3000 psi w/ 20 bbbls water. Good test. Unseat rod pump. TOH & LD w/ 99- 3/4 guided rods, 20- 3/4 plain rods. SDFD. - Road rig to location. MIRUSU. Pump 60 bbbls water down csg @ 250°. RD pumping unit. Unseat rod pump. Flush tbg & rods w/ 40 bbbls water @ 250. Softseat & pressure test tbg to 3000 psi w/ 20 bbbls water. Good test. Unseat rod pump. TOH & LD w/ 99- 3/4 guided rods, 20- 3/4 plain rods. SDFD. - Cont TIH w/ 104- jts 2 7/8" tbg. Pressure test tbg to 3000 psi w/ 35bbbls water. Held pressure for 1 hr. RU sandline & retrieve SV. RD sandline. RD work floor. ND BOPs. Pump 50 bbbls packer fluid. Set packer in 18000# tension. NU wellhead. Pressure test csg to 1500 psi w/ 30 bbbls packer fluid. Held pressure for 1hr. RDMOSU.I READY FOR MIT!! - Cont TIH w/ 104- jts 2 7/8" tbg. Pressure test tbg to 3000 psi w/ 35bbbls water. Held pressure for 1 hr. RU sandline & retrieve SV. RD sandline. RD work floor. ND BOPs. Pump 50 bbbls packer fluid. Set packer in 18000# tension. NU wellhead. Pressure test csg to 1500 psi w/ 30 bbbls packer fluid. Held pressure for 1hr. RDMOSU.I READY FOR MIT!! - Cont TIH w/ 104- jts 2 7/8" tbg. Pressure test

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Daily Cost: \$0

Cumulative Cost: \$4,551

9/19/2011 Day: 4

Conversion MIT

Rigless on 9/19/2011 - Conduct Conversion MIT - On 09/13/2011 Jason Deardorff with the EPA was contacted concerning the initial MIT on the above listed well. On 09/15/2011 the casing was pressured up to 1555 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 300 psig during the test. There was not an EPA representative available to witness the test. UT20852-08910 - On 09/13/2011 Jason Deardorff with the EPA was contacted concerning the initial MIT on the above listed well. On 09/15/2011 the casing was pressured up to 1555 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 300 psig during the test. There was not an EPA representative available to witness the test.

UT20852-08910 **Finalized**

Daily Cost: \$0

Cumulative Cost: \$14,376

Pertinent Files: Go to File List

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9			
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-74870			
1. TYPE OF WELL Water Injection Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:			
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)			
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052		8. WELL NAME and NUMBER: HUMPBACK 8-25-8-17			
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1899 FNL 0739 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SENE Section: 25 Township: 08.0S Range: 17.0E Meridian: S		9. API NUMBER: 43047344860000			
PHONE NUMBER: 435 646-4825 Ext		9. FIELD and POOL or WILDCAT: MONUMENT BUTTE			
COUNTY: UINTAH		STATE: UTAH			
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA					
TYPE OF SUBMISSION	TYPE OF ACTION				
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 11/10/2011 <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	<table style="width: 100%; border: none;"> <tr> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION </td> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input checked="" type="checkbox"/> OTHER </td> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input checked="" type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: Put On Injection </td> </tr> </table>		<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input checked="" type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input checked="" type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: Put On Injection
<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input checked="" type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input checked="" type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: Put On Injection			
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. The above reference well was put on injection at 4:00 PM on 11/10/2011. EPA # UT20852-08910 <div style="text-align: right; padding-right: 50px;"> Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY </div>					
NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician			
SIGNATURE N/A	DATE 11/21/2011				



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 8

1595 Wynkoop Street
DENVER, CO 80202-1129
Phone 800-227-8917
<http://www.epa.gov/region08>

OCT 18 2011

Ref: 8P-W-GW

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

Mr. Reed Durfey
District Manager
Newfield Production Company
Route 3 – Box 3630
Myton, Utah 84052

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY

RE: Underground Injection Control (UIC)
Limited Authorization to Inject
EPA UIC Permit UT20852-08910
Well: Humpback 8-25-8-17
SENE Sec. 25-T8S-R17E
Uintah County, Utah
API No.: 43-047-34486

Dear Mr. Durfey:

The U.S. Environmental Protection Agency Region 8, has received Newfield Production Company's (Newfield) September 22, 2011, letter with enclosures. The enclosed Part I (internal) Mechanical Integrity test, Well Rework Record (EPA Form 7520-12), schematic diagram and calculated pore pressure were reviewed and approved by the EPA, satisfactorily completing all Prior to Commencing Injection Requirements for UIC Permit UT20852-08910.

As of the date of this letter, Newfield is authorized to commence injection into the Humpback 8-25-8-17 well at a Maximum Allowable Injection Pressure (MAIP) of 920 psig for a limited period of 180 days during which time a Radioactive Tracer Survey (RTS) is required according to UIC Permit UT20852-08910. If Newfield seeks a higher MAIP than 920 psig, it may be advantageous to run a step rate test prior to conducting the RTS because a RTS conducted at the higher MAIP will be required. Newfield must receive prior authorization from the Director to inject at pressures greater than the permitted MAIP during any test.

Please remember that it is Newfield's responsibility to be aware of and to comply with all conditions of Permit UT20852-08910.

RECEIVED
NOV 03 2011
DIV. OF OIL, GAS & MINING

If you have questions regarding the above action, please call Bob Near at (303) 312-6278 or (800) 227-8917, extension 312-6278. The RTS log with interpretation should be mailed to Jason Deardorff at the letterhead address, citing mail code 8P-W-GW.

Sincerely,



Stephen S. Tuber
Assistant Regional Administrator
Office of Partnerships and Regulatory Assistance

cc: Uintah & Ouray Business Committee:

Irene Cuch, Chairman
Richard Jenks Jr., Councilman
Frances Poowegup, Councilwoman
Ronald Wopsock, Vice-Chairman
Phillip Chimburas, Councilman
Stewart Pike, Councilman

Daniel Picard
BIA - Uintah & Ouray Indian Agency

Mike Natchees
Environmental Coordinator
Ute Indian Tribe

Manual Myore
Director of Energy & Minerals Dept.
Ute Indian Tribe

Brad Hill
Acting Associate Director
Utah Division of Oil, Gas, and Mining

Fluid Minerals Engineering Office
BLM - Vernal Office

Eric Sundberg, Regulatory Analyst
Newfield Production Company



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 8

1595 Wynkoop Street
Denver, CO 80202-1129
Phone 800-227-8917
<http://www.epa.gov/region08>

FEB 08 2012

Ref: 8P-W-GW

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

Mr. Reed Durfey
District Manager
Newfield Production Company
Route 3-Box 3630
Myton, UT 84502

RECEIVED
FEB 15 2012

DIV. OF OIL, GAS & MINING

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY

Re: Underground Injection Control (UIC)
Authorization to Continue Injection
EPA UIC Permit UT20852-08910
Well: Humpback 8-25-8-17
SENE Sec. 25-T8S-R17E
Uintah County, UT
API No.: 43-047-34486

Dear Mr. Durfey:

The U.S. Environmental Protection Agency Region 8 received the results of the January 22, 2012, Radioactive Tracer Survey (RTS) for the Humpback 8-25-8-17 well. The EPA determined the test demonstrates the presence of adequate cement to prevent the upward migration of injection fluids from the injection zone at the Maximum Allowable Injection Pressure (MAIP) of 920 psig.

As of the date of this letter, the EPA hereby authorizes continued injection into the Humpback 8-25-8-17 well under the terms and conditions of UIC Permit UT20852-08910.

You may apply for a higher MAIP at a later date. Your application should be accompanied by the interpreted results of a Step Rate Test (SRT) that measures the formation parting pressure and determines the fracture gradient at this depth and location. Newfield must receive prior authorization from the Director in order to inject at pressures greater than the permitted MAIP during any test. A current copy of the EPA guidelines for running and interpreting SRTs will be sent upon request. Should the SRT result in approval of a higher MAIP, a subsequent RTS conducted at the higher MAIP is required.

As of this approval, responsibility for permit compliance and enforcement is transferred to the EPA's UIC Technical Enforcement Program. Please direct all monitoring and compliance correspondence to Sarah Roberts at the following address, referencing the well name and UIC Permit number on all correspondence:

Ms. Sarah Roberts
U.S. EPA Region 8: 8ENF-UFO
1595 Wynkoop Street
Denver, CO 80202-1129

Or, you may reach Ms. Roberts by telephone at (303) 312-6211 or (800) 227-8927, extension 312-6211. Please remember that it is your responsibility to be aware of, and to comply with, all conditions of injection well Permit UT20852-08910.

If you have questions regarding the above action, please call Emmett Schmitz at (303) 312-6174 or (800) 227-8917, extension 312-6174.

Sincerely,



for Callie A. Videtich
Acting Assistant Regional Administrator
Office of Partnerships and Regulatory Assistance

cc: Uintah & Ouray Business Committee:

Irene Cuch, Chairman
Ronald Wopsock, Vice-Chairman
Richard Jenks Jr., Councilman
Phillip Chimburas, Councilman
Stewart Pike, Councilman
Frances Poowegup, Councilwoman

Daniel Picard
BIA - Uintah & Ouray Indian Agency

Mike Natchees
Environmental Coordinator
Ute Indian Tribe

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Ute Indian Tribe

Brad Hill
Acting Associate Director
Utah Division of Oil, Gas, and Mining

Fluid Minerals Engineering Office
BLM - Vernal Office

Eric Sundberg
Regulatory Analyst
Newfield Production Company

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-74870
1. TYPE OF WELL Water Injection Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
3. ADDRESS OF OPERATOR: Rt 3 Box 3630, Myton, UT, 84052		8. WELL NAME and NUMBER: HUMPBAC 8-25-8-17
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1899 FNL 0739 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SENE Section: 25 Township: 08.0S Range: 17.0E Meridian: S		9. API NUMBER: 43047344860000
PHONE NUMBER: 435 646-4825 Ext		9. FIELD and POOL or WILDCAT: MONUMENT BUTTE
COUNTY: UINTAH		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 8/10/2016	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input checked="" type="checkbox"/> OTHER	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION	
<input type="checkbox"/> DRILLING REPORT Report Date:	OTHER: <input type="text" value="5 YR MIT"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. 5 YR MIT performed on the above listed well. On 08/10/2016 the casing was pressured up to 1750 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tbq pressure was 1075 psig during the test. There was not an EPA representative available to witness the test. EPA #UT22197-08910		
NAME (PLEASE PRINT) Lucy Chavez-Naupoto		PHONE NUMBER 435 646-4874
SIGNATURE N/A		TITLE Water Services Technician
DATE 8/15/2016		Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY September 01, 2016

Mechanical Integrity Test

Casing or Annulus Pressure Mechanical Integrity Test

U.S. Environmental Protection Agency
Underground Injection Control Program
999 18th Street, Suite 500 Denver, CO 80202-2466

EPA Witness: _____ Date: 08 / 10 / 16
Test conducted by: Michael Jensen
Others present: _____

Well Name: <u>Humpback 8-25-8-17</u>	Type: <u>ER SWD</u>	Status: <u>AC TA UC</u>
Field: <u>Greater Monument Butte</u>		
Location: <u>SE/NE</u> Sec: <u>25</u> T <u>8</u> N <u>(S)</u> R <u>17(E)</u> W County: <u>Utah</u> State: <u>UT</u>		
Operator: <u>Newfield</u>		
Last MIT: <u>1</u> / <u>1</u>	Maximum Allowable Pressure: <u>1250</u>	PSIG

Is this a regularly scheduled test? ☒ Yes ☐ No
Initial test for permit? ☐ Yes ☒ No
Test after well rework? ☐ Yes ☒ No
Well injecting during test? ☐ Yes ☒ No If Yes, rate: _____ bpd

Pre-test casing/tubing annulus pressure: 0/1025 psig

MIT DATA TABLE		Test #1	Test #2	Test #3
TUBING		PRESSURE		
Initial Pressure	1025 psig	psig	psig	
End of test pressure	psig	psig	psig	
CASING / TUBING		ANNULUS PRESSURE		
0 minutes	1749.6 psig	psig	psig	
5 minutes	1749.6 psig	psig	psig	
10 minutes	1749.8 psig	psig	psig	
15 minutes	1749.4 psig	psig	psig	
20 minutes	1749.8 psig	psig	psig	
25 minutes	1749.8 psig	psig	psig	
30 minutes	1749.8 psig	psig	psig	
_____ minutes	psig	psig	psig	
_____ minutes	psig	psig	psig	
RESULT	[X] Pass [] Fail	[] Pass [] Fail	[] Pass [] Fail	

Does the annulus pressure build back up after the test ? ☐ Yes ☒ No

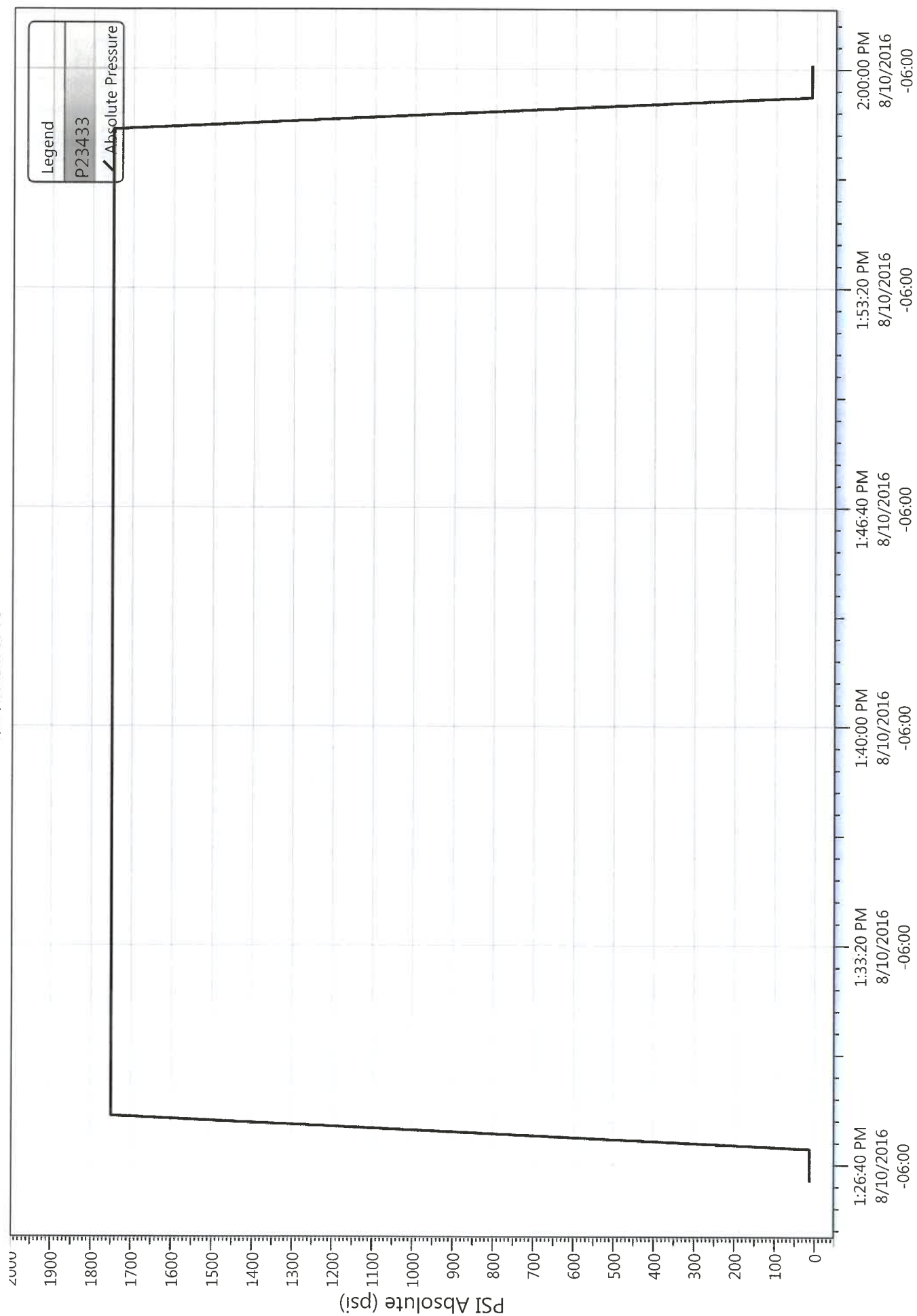
MECHANICAL INTEGRITY PRESSURE TEST

Additional comments for mechanical integrity pressure test, such as volume of fluid added to annulus and bled back at end of test, reason for failing test (casing head leak, tubing leak, other), etc.:

Signature of Witness: _____

Humpback 8-25-8-17 5 Year MIT(8-10-16)

8/10/2016 1:26:02 PM



Humpback 8-25-8-17

Spud Date: 7/1/03
Put on Production: 7/29/03
GL: 5024' KB: 5036'

Initial Production: 105 BOPD,
39 MCFD, 5 BWPD

Injection Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#/ft
LENGTH: 716 (301.87')
DEPTH LANDED: 311.5' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 150 sxs Class "G" cement 3 bbls cement to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#/ft
LENGTH: 147 ft (6325.42')
DEPTH LANDED: 6323.42' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 110 sxs Prem. Lite (Mixed & 400 sxs 50/50 POZ.)
CEMENT TOP AT: 460'

TUBING

SIZE-GRADE-WT: 2-7/8" J-55 6.8#/ft
NO. OF JOINTS: 14 (4524.1')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 4536.1' KB
CE: 4540.29'
TOTAL STRING LENGTH: FOT 4543' W/L 1' KB

FRAC JOB

7/25/03 5898'-6131' **Frac CP, 5, 1, 2, 4, sands as follows:**
120,000# 20/40 sand in 484 bbls Viking 1-25 fluid. Treated @ avg press of 1560 psi w/avg rate of 24.5 BPM. ISIP 1680 psi. Calc flush: 5896 gal. Actual flush: 5896 gal.

7/25/03 5570'-5674' **Frac LODC and A3 sands as follows:**
39,369# 20/40 sand in 178 bbls Viking 1-25 fluid. Treated @ avg press of 2825 psi w/avg rate of 24 BPM. ISIP 2070 psi. Calc flush: 5568 gal. Actual flush: 5569 gal.

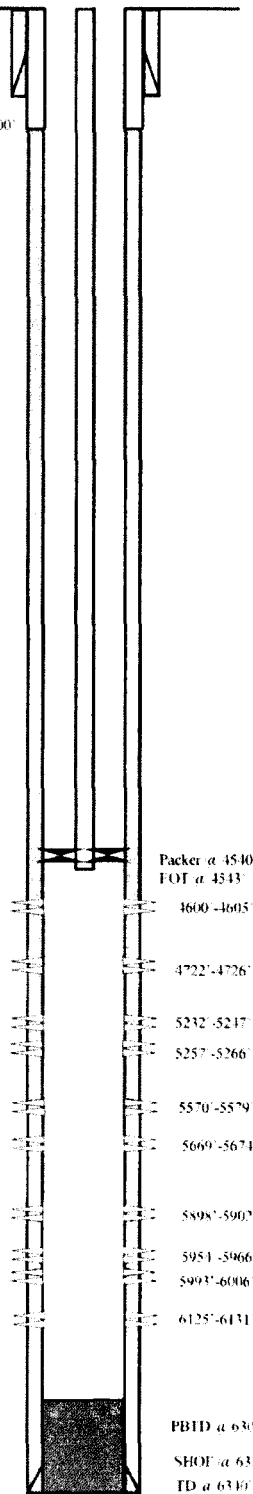
7/25/03 5232'-5266' **Frac C sands as follows:**
66,762# 20/40 sand in 291 bbls Viking 1-25 fluid. Treated @ avg press of 1600 psi w/avg rate of 24.5 BPM. ISIP 1760 psi. Calc flush: 5230 gal. Actual flush: 5228 gal.

7/25/03 4600'-4726' **Frac GB/PB sands as follows:**
66,762# 20/40 sand in 291 bbls Viking 1-25 fluid. Treated @ avg press of 2625 psi w/avg rate of 23.9 BPM. ISIP 2470 psi. Calc flush: 4598 gal. Actual flush: 4599 gal.

08/17/05 **Parted Rods.** Update tubing and Rod details.

09/12/11 **Convert to injection well**

09/15/11 **Conversion MIT finalized** - update the detail



PERFORATION RECORD

Date	Depth Range	Tool Joint	Holes
7/23/03	6125'-6131'	4 JSPT	24 holes
7/23/03	5993'-6006'	4 JSPT	52 holes
7/23/03	5951'-5966'	4 JSPT	48 holes
7/23/03	5898'-5902'	4 JSPT	16 holes
7/25/03	5669'-5674'	4 JSPT	20 holes
7/25/03	5570'-5579'	4 JSPT	36 holes
7/25/03	5257'-5266'	4 JSPT	36 holes
7/25/03	5232'-5247'	4 JSPT	60 holes
7/25/03	4722'-4726'	4 JSPT	16 holes
7/25/03	4600'-4605'	4 JSPT	20 holes

NEWFIELD

Humpback 8-25-8-17

1899' FNL & 739' FEL

SENE Section 25-T8S-R17E

Utah Co, Utah

API #43-047-34486; Lease #UTU-74870